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TELEPHONE NUMBER:
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TELEGRAPHIC ADDRESS
"CHEMICUS LONDON."

**Established in
ENGLAND, 1859.]**

Published Weekly at 42 CANNON STREET,
LONDON, E.C.

**Established in
[AUSTRALASIA, 1885.]**

No. 1,535. Vol. LXXIV.

JUNE 26, 1909

(Subscription, 10s. per annum, including Diary.
Free the World over. Single Copies, 4d. each.
Winter and Summer Issues, 1s. each. Post Free.

Messrs. ALLEN & HANBURY'S, Ltd., will close their offices, factories, and warehouses at Bethnal Green, London, E., from June 28 to 30 inclusive, for stocktaking, but small urgent orders will be executed on those days. They will feel obliged, however, if customers will, as far as possible, send orders for their requirements next week.

June 26, 1909.

**AN ADDITIONAL SERIES OF 'OWN NAME'
TOILET PREPARATIONS**

FIG. 192. FIG. 348. FIG. 515. FIG. 601.

Antiseptic Foot Powder, 3/6 doz.
Talc Dusting Powder, 4/- doz. *Eau de Quinine, 4 oz. 13/2 doz.
*Salol Liquid Dentifrice, 2 oz. 10/4; 4 oz. 17/7 doz.
Poudre de Riz, 3/6 doz. Bath Powder, 8 oz. 3/9; 16 oz. 5/6 doz.
Violet Powder, 4 oz. 2/3; 8 oz. 3/6 doz.
Tooth Powders (Salol, Violet, Thymol, etc.), 36/- gross.
*These prices include the recent advance in duty on spirit.

Other sizes stocked. Special quotations to buyers in quantity.
Samples and illustrated Price List forwarded on request.

FIG. 598. FIG. 599. FIG. 600. FIG. 601.

ALLEN & HANBURY'S LTD., LONDON

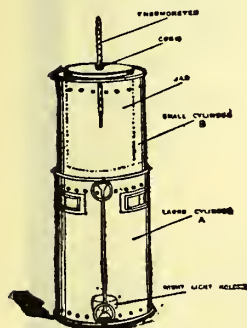
SEASONABLE SPECIALITIES



WRIGHT, LAYMAN & UMNEY (1909), LTD.

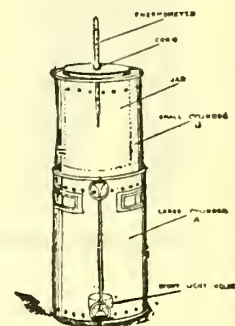
will be pleased to receive enquiries for any of the above, and full particulars will be gladly sent on application.

"TRILACTINE"

TRILACTINE
OUTFIT

REGISTERED TRADE MARK.

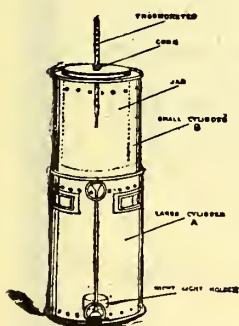
BRANDED TABLETS

TRILACTINE
OUTFIT

Important Decision.

With a view to pushing the Sale of the original (Extra Pharmacopœia) "Trilactine" Tablets, we have decided to offer our Retail friends a very special inducement. On receipt of post card, same will be communicated by return post.

This will enable you to sell "Trilactine" Tablets at a better profit than if starting "own name" Tablets.

TRILACTINE
OUTFIT

10/6

"TRILACTINE" OUTFITS FREE

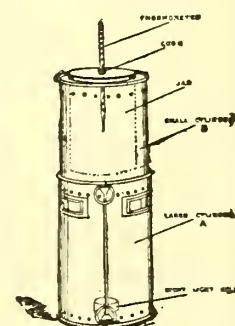
W. MARTINDALE,

Manufacturing Chemist,

10 New Cavendish Street, London, W.

Telegraphic Address:
"Martindale Chemist London."

Telephone Nos.:
Gerrard 4688; Paddington 1797.

TRILACTINE
OUTFIT

NOW

NOW—during the summer months—is the best time to sell both “Daisy” and “Daisyfoam.” Keep them to the front; and drop us a postcard for some advt. matter, which will be gladly sent, free and carriage paid.

Both “Daisy” and “Daisyfoam” are profitable lines to handle, and they become doubly profitable to those chemists who take advantage of our special window display offers, and buy on best terms.

We invite up-to-date business chemists who believe in making the most of their windows to send for full particulars of our displays.

DAISY Ltd., Mammoth Works, LEEDS.

Telegrams: “DAISY LEEDS.”

ESTABLISHED 1893.



Our prices are as low as is consistent with the highest quality, while it is scarcely necessary to remind our friends of the high reputation our manufactures have enjoyed in the trade for nearly a century, and this standard we shall endeavour always to maintain.



Baiss Brothers & Stevenson LIMITED.

OUR Works are replete with the most modern machinery procurable, and with the aid of a large and trained staff have special facilities for the execution of orders for

**TINCTURES and
SPIRITS in bond,
MALTED FOOD,
EMULSIONS,
FRUIT ESSENCES,
ETHER, for ice works,
ESSENTIAL OILS,
COD LIVER OIL,
&c., &c., &c.**

**CONTRACTORS TO
H.M. GOVERNMENT,
The Admiralty, The War Office,
:: :: :: The India Office, :: :: ::
Various Foreign Governments, and
THE PRINCIPAL LONDON
— AND —
PROVINCIAL HOSPITALS.**

**Jewry Street, London, E.C.
And "Grange Works," Bermondsey, S.E.**

**DRUGS, ALL PHARMACEUTICAL PREPARATIONS,
PACKED CHEMISTS' SPECIALITIES, AND CHEMICALS.**

APENTA

In order to prevent the unreasonable cutting prices which several Firms have adopted in retailing **"APENTA" WATER**

The Apollinaris Company, Ltd.

have decided to protect the price to the public at :

11d. per large bottle,

and the following conditions will now be attached to each invoice:

"APENTA" WATER, as invoiced herewith, is sold to you subject to the following conditions:

- (1) That it will not be sold to the Trade below the minimum Wholesale Price of

20s. per case of 25/1 Bottles

or retailed to the Public below

11d. per large bottle.

- (2) That it will not be sold by you to any Firm whom we may ask you not to supply in consequence of their cutting prices.

Acceptance of the goods will be taken as an Agreement to carry out the above conditions,

THE CHEMIST & DRUGGIST SUPPLEMENT.

OFFICE: 42 CANNON STREET, E.C.

SATURDAY, JUNE 26, 1909.

PUBLISHER'S NOTICE TO ADVERTISERS.

Advertisers are desired to take note that the advertisements of Businesses for Disposal and Wanted, Situations Open and Required, Exchange Column, &c., belong to the **PREPAID CLASS**, and to ensure the due insertion of the **announcements the remittances must accompany the instructions**. A great amount of unnecessary correspondence is occasioned by the non-observance of this regulation, and the Publisher hopes that the advertisers will assist in the quick preparation and despatch of the Supplement by strictly observing this rule. Advertisements for the current issue cannot be received after 4 p.m. on Thursday in each week.

A Copy of this Supplement is inserted in every Number issued of "The Chemist and Druggist."

Valuable but not Costly

is the verdict of advertisers in this Supplement.

IT PAYS TO PAY FOR ADVERTISING HEREIN.

CHEMISTS' TRANSFERS.

Messrs. ORRIDGE & CO., 56 Ludgate Hill, E.C.

May be consulted at their Offices on matters of SALE, PURCHASE, and VALUATION.

1.—SLOANE SQUARE (near).—Retail and Dispensing Business; very old-established; returns average between £1,200 and £1,300 per annum; *net profit about one-third*; intending investors with £1,050 at command will find this a sound investment.

2.—MIDDLESEX.—Favourite residential locality; good-class Business; Retail and Dispensing; returns £1,500 yearly; *profit (net) about 25 per cent.*; modern-fitted shop; excellent residence; price £900, or valuation terms entertained.

3.—LONDON, S.E.—Ready-money Business; Retail, Prescribing, and Dispensing; returns £520; scope for development; good house and garden; side entrance; no near opposition; price £175.

4.—SOUTH LONDON.—Very old-established Business; same family 70 years; returns last year £922; *net profit £250 (about)*; several good Proprietaries; good opening for Dentistry, Photography, and Optical; double-fronted shop; main thoroughfare; full investigation invited; widow will accept any reasonable offer.

5.—LONDON, S.E.—Retail, Dispensing, and Photographic trade; established 1841; returns last year £600; *gross profit £254*, full prices being obtained except for Patents; roomy house, with garden and fruit trees; rent £35 yearly; price £400.

6.—SYDENHAM.—Good middle-class Business; Retail, Dispensing, and Photographic; established 50 years; returns last year £700; *net profit £245*; large shop, fitted in mahogany; commanding window; comfortable house; pleasant garden; held on lease; valuation, about £350.

7.—NORWOOD.—Well-established Business; Retail, Dispensing, and Photographic; returns last year £900; formerly they were £5,000; attractive shop; position unique; immediate sale necessary; valuation terms entertained; illness cause of sale.

8.—WEST OF ENGLAND (Market Town).—Retail and Dispensing Business; all good-class trading; returns exceed £1,400 yearly; scope for development; terms, lease and goodwill £50, stock and fixtures at valuation.

9.—SOUTH COAST.—Modern Pharmacy; central situation; returns between £1,100 and £1,200 yearly; *net profit about 25 per cent.*; full investigation invited; terms, lease and goodwill £60, stock and fixtures at valuation; part could remain if desired.

10.—NORTH WALES.—Illness cause of sale; good-class Business; Retail, Dispensing, and Agricultural; held by vendor 30 years; returns between £600 and £700 yearly; well-appointed house; small garden; further details on application.

11.—GREAT WESTERN MAIN LINE.—Good-class Business; position unique; returns between £2,200 and £2,500 per annum, increasing; *gross profit 50 per cent.* (proof given); modern-fitted shop; fully stocked; above the average; price £2,000.

12.—EASTERN COUNTY.—Unopposed Business; returns last year £1,115; *net profit about 25 per cent.*; well-fitted shop; good house and garden; held on lease; early sale desired; price £450; worth attention.

13.—DERBYSHIRE (Health Resort).—Dispensing and Retail Business; established 1860, and held by vendor 25 years; returns £700; *gross profit 50 per cent.*; handsome double-fronted shop, fully stocked; good house; held on lease; valuation, about £700.

14.—YORKS (NORTH RIDING).—Modern Pharmacy; capital situation in the centre of town; returns (present rate) £1,600; well-fitted shop, fully stocked; price £1,250.

Particulars of any of the above will be furnished on application.

N.B.—NO CHARGE TO PURCHASERS.

VALUATIONS FOR STOCKTAKING.

Messrs. O. & Co. desire to emphasise the necessity of a Periodical Statement of Account, by which means alone **Profit, the value of Business, &c.**, can be determined. Involving as this does the labour of Stocktaking and Valuation, it is often omitted, and eventually becomes the cause of **confusion and loss**.

Messrs. O. & Co. are prepared to undertake these essential duties, and will make **Special Terms** for such services.

ORRIDGE & CO., 56 LUDGATE HILL, LONDON, E.C.

BRETT & CO.

CHEMISTS' VALUERS AND TRANSFER AGENTS,

Telegrams: "Brett Leicester."

8 WEST STREET, LEICESTER.

Telephone: 160 Y

VALUATIONS have always had our special and personal attention, and an experience of thirty years is at your disposal **AGENCY.**—We have always a large number of *Buyers* on our books, and we can frequently find a Purchaser at once. We also have a *Private Register* for vendors who are in no hurry to sell and who do not wish their businesses to be advertised.

STOCKTAKING SPECIALISTS TO THE ENTIRE DRUG TRADE.

YORKS.—General, Light Retail, Dispensing, and Prescribing; store prices; in large manufacturing town; good shop; fine position; returns £1,083; price £550; can be greatly increased.

MIDLANDS.—A fine opportunity to acquire good profitable concern; General, Retail, Oils, Paints, Drysaltery, etc.; death vacancy; returns, etc., on application; price valuation (about £1,100).

MIDDLESEX.—Light General Retail; under unqualified Manager; nice house and shop; low rent; returns £516 and increasing; net profit £150; valuation (about £250).

SOUTH COAST.—Good General Retail Drug Stores; returning £1,200, as branch; net profit £290; price £60 and valuation (about £500); under principal capable of being greatly increased; an excellent opportunity.

CAMBS.—Unopposed Mixed General Country Retail and Agricultural; exceptionally good shop, house, and premises; old-established; low rent; returns £1,100; profitable; to effect a quick sale will accept the low price of £450; chance of a lifetime.

LANCS.—High-class General Retail, good Prescribing, and excellent Proprietaries; in fine position of popular seaside resort; old-established; returns over £1,000; price £100 and stock and fixtures at valuation.

We have still several clients unsuited, and we can speedily sell businesses making a net profit of £300 upwards, without any publicity whatever. Midlands and the North preferred.

YORKS.—Good Country Mixed Retail, Prescribing, and Photo; excellent shop and premises; garden; old established; returns nearly £700; profitable; price only £230; no qualified opposition.

YORKS.—Very good Mixed Country Retail, which can easily be greatly increased by qualified man; good shop and house; returns over £520; price £250; grand opportunity.

WORCESTERSHIRE.—Splendid Light Retail, with Photo and very valuable Proprietaries, in good business district; good shop, and nicely fitted; old established; returns £500; price £350, or valuation; this is a fine chance to acquire a real genuine concern.

DERBYSHIRE.—Good-class Light Retail and Dispensing in inland health resort; now under manager, and doing £750 per annum; capable of being increased very quickly to £1,000; valuation, about £700; an excellent concern.

SSEX.—Very nice Retail, Dispensing, and Prescribing; grand opening for Photo and Optics; good Proprietaries; nice, well-fitted shop and convenient house; low rent; returns nearly £500; excellent profits; price £260; splendid concern and very little opposition; only wants seeing; healthy district.

LONDON, N.—Dispensing, Prescribing, and Light Retail, Photo and good Specialities; comfortable house and garden; returns £600; price £250; very profitable; stock, etc., worth £350; a bargain.

MESSRS. BERDOE & FISH

Chemists' Valuers and Transfer Agents,

35 JEWRY STREET, FENCHURCH STREET, CITY.

TELEPHONE: 1809 CENTRAL.

Have the following Businesses for Disposal. (No charge to Purchasers.)

1.—**HOME COUNTY.**—First-class Retail and Dispensing Business, in best position of growing town; returns approach £1,300; net profit £434; handsomely fitted shop, fully stocked; price about £1,200, or valuation terms arranged; strongly recommended.

2.—**MIDDLESEX** (few miles out).—Good-class Light Retail and Dispensing Business, in splendid position; returns over £1,900; good profits; elegantly fitted Pharmacy; heavily stocked; price £1,250; personally inspected.

3.—**LANCS** (Popular Seaside Town).—High-class Cash Retail; central position; returns £1,050; good profits; price £250 and valuation.

4.—**SOUTH COAST.**—Good-class Retail; under manager; returns £1,200; good position; price only £500.

5.—**SUSSEX** (Market Town).—Good-class Country Retail; returns about £850; very good position; commodious premises; price £500.

6.—**MAIDENHEAD** (near).—High-class Country Retail; charmingly situated; returns £600; profits £250; very best position; stands to do £1,000; price about £500; part can remain.

7.—**HERTS** (Market Town).—Good-class Retail; neglected; returns £800; can be much increased; valuation only required.

8.—**SURREY.**—Unopposed good-class Village Business; returns over £500 under manager; low rent; well stocked; price £250.

9.—**LONDON, S.E.**—High-class suburban Retail; returns £950; handsome shop, fully stocked; price £800; strongly recommended.

10.—**VICTORIA STATION** (near).—First-class Retail; returns over £1,250; net profit £439; splendid position; price £1,000.

11.—**LONDON, N.W.**—Good-class Retail and Dispensing; returns £750 to £800; scope for increase; net profit £200; price £350, or offer.

12.—**DEVON** (Market Town).—Old-established good-class Country Retail Business; returns nearly £1,000; excellent profits; large house and garden; attractive shop; stock and fixtures worth over £850; price about £850; £300 can remain.

13.—**CHESHIRE** (Seaside Resort).—Good-class Retail; excellent position; returns £800; net profit £275; price £450, or near offer.

14.—**SURREY.**—Good Country Retail, in growing town; returns £550; net profit £200; price £525.

15.—**YORKS** (Death Vacancy).—General Mixed Retail Business; neglected; returns over £1,000; price for quick sale about £250.

16.—**GLOUCS.**—Old-established Light Country Retail; returns nearly £500; net profit about £200; large house and garden; low rent; no opposition; price £400.

17.—**LIVERPOOL.**—Profitable Light Retail and Prescribing; returns under manager £650; good position; price £275.

18.—**SHEFFIELD** (near).—Light Retail and Prescribing; few Patents; returns £14 weekly; growing district; no opposition; price £200.

19.—**LONDON, N.**—Light Suburban Retail; returns over £700; low rent; modern Pharmacy; price £375, or valuation.

20.—**CRYSTAL PALACE DISTRICT.**—Good-class Retail and Dispensing; returns £700, increasing; good house, garden, etc.; price £250.

21.—**LONDON SUBURB.**—Cash Retail and Prescribing, in good-class district; returns £520, increasing; price £175.

INTENDING VENDORS.

Messrs. BERDOE & FISH have at the present moment showing anything from 300% to 600% net profit yearly. guaranteed.

Several genuine purchasers anxious to secure businesses Correspondence cordially invited. Strictest privacy

J. G. BERDOE established the firm in 1870, and W. S. FISH was apprenticed to him in 1877.

PARSON C. BAKER

174 VICTORIA ST., LONDON, S.W.

Recommended by—MESSRS. BARRON, HARVEYS & CO
Telephone: MESSRS. MEGGESON & CO.
No. 27 Victoria. MESSRS. BAROLAY & SON, LTD.

LONDON, N.—Cash Retail and Prescribing; established 25 years; average returns last 3 years £640; good opening for Dentistry, Photo, and Optics; corner shop, double fronted; 17 years' lease; rent £45; price £350.

LONDON, W.—Good Family Retail, Dispensing, and Prescribing; good prices; several good Proprietaries; shop fitted mahogany throughout; good house; private entrance; average returns £750; price £600 or offer; quick sale desirable.

IN beautiful country district, 30 miles out, unopposed good-class Retail and Family trade; returning £750 at full prices; net profits £300 year; full investigation and proof; good house; large garden; rent £50; price £550 or near offer.

SOUTH COAST.—First-class Family and Dispensing Business; some Photographic; average returns last 3 years £1,400; double-fronted shop; good house; private entrance.

THIRTY miles out; good-class Dispensing and Retail; centre of excellent market town; returns £800; net profit £300; good opening for Dentistry; superior house; private entrance and garden; valuation of stock and fixtures.

We desire particularly to draw the attention of Colonial and Foreign Subscribers to the fact that in cases where they require partners, agents, or assistants, or wish to sell their businesses, an advertisement in this Supplement, placed in every copy of "The Chemist and Druggist," should be the readiest means of helping them to attain their object. The tariff for such announcements is given under the appropriate headings in the Supplement. Instructions and particulars can be sent to us direct or through the advertisers' correspondents in this country.

FREDK. WM. SMITH

LICENSED CHEMISTS' VALUER.

Valuations for transfer of business, Probate, &c. Businesses for disposal. Stocks and Fixtures purchased to any amount, for cash. Stocktakings undertaken. A Register kept of Assistants and Chemists requiring Assistants; no charge made.

3 Belgrave Terrace, LEEDS

TELEPHONE 02949.

VALUATIONS FOR SALE, PURCHASE, Probate, and Stocktaking

UNDERTAKEN ON REASONABLE TERMS BY

H. P. ALEXANDER, Licensed Expert Valuer,
211 Graham Road, Hackney, LONDON, N.E.

Of well-known experience to a London House.

Businesses Wanted and for Sale.

Representing Messrs. BAISS BROS. & STEVENSON, Ltd., Wholesale & Export Druggists, Jewry Street, Aldgate, London, E.C.

TOMTOM

Telegraphic Address.

THOS. TOMLINSON & SON.

Chemists' Valuers and Expert Stocktakers,

Businesses transferred privately.

89 NEW CANNON STREET, MANCHESTER.

BUSINESSES FOR DISPOSAL.

3s. 6d. for 50 words or less; 6d. for every 10 words beyond, prepaid.

NOTE.—Replies can be addressed to this Office and forwarded to the Advertiser for an Additional charge of 6d.

COLONIAL BUSINESSES.

We call the special attention of our Colonial subscribers to the opportunity this Supplement affords when they wish to dispose of their Businesses, of getting into touch with likely buyers either at home or in the Colonies.

Replies to Advertisements may be addressed to this Office and forwarded to the Advertiser for an additional charge of 6d.

Trade circulars and samples can in no case be forwarded.

BIRMINGHAM (in a pleasant suburb).—Old-established Light Retail, Dispensing, Prescribing Business, with appointment worth £60 annually; good house, shop; pleasant garden; proprietor's premises; Dentistry, Optics, Photography might be added by energetic man; proprietor retiring. For particulars state capital at command, giving references (all replies answered), "P. J. F." (98/28), Office of this Paper.

CITY OF LONDON.—Small but sound Business, improving, in principal street; handsomely fitted; good stock, soda-fountain; long lease; moderate rent; any reasonable offer entertained. Apply, "Statim" (99/35), Office of this Paper.

DURHAM COUNTY.—Country Business; no opposition; population 4,000; beautiful healthy district; returns over £500; rent £30; good roomy house; could be improved; hours short, suit elderly man; no heavy trade; price £300, or valuation. F. W. Smith, 3 Belgrave Terrace, Leeds.

EAST KENT.—Must be Sold; small Prescribing Business, within easy reach of London; returns close on £300 per annum; good profits; scope for increase; large population; no near opposition; good opening for Dentistry and Optics; owner leaving the trade; rent £24; price, valuation of stock and fixtures, about £100. Apply, 100/2, Office of this Paper.

FLINT (NORTH WALES).—£325 (about); owing to the death of proprietor an old-established Mixed Retail, Dispensing, and Photographic Business for immediate Disposal; returns for three years averaged nearly £800; splendid opening; rent only £26; large new works in course of erection. Apply, J. Williams, Accountant, Flint.

GLOUCESTERSHIRE (Manufacturing District).—Old-established Retail, Dispensing, and Prescribing Business for Sale; returns between £400 and £500; good profits; low rent; advertiser is buying larger business and will accept the first reasonable offer; full investigation invited. Particulars from "Antim" (95/35), Office of this Paper.

KENT.—£180; unopposed Market Village Business; old established; doing a good Proprietary trade; with large scope for increase and Side-lines; large house, garden, stable, and coach-house; rent and rates £40; owner giving up Drugs. "Kent" (96/34), Office of this Paper.

LINCOLNSHIRE.—Small Village Drug Store for Sale; good surrounding district; nearest opposition 6 miles; good chance for increase by energetic man; good reason for disposal. Apply, "Senex" (96/39), Office of this Paper.

LONDON SUBURB, E.—Genuine Cash Retail and Prescribing Business, in main road of growing neighbourhood, for immediate Disposal; well fitted on modern lines; long lease; established 6 years; price £275 or offer. Apply, "Pharmacist" (96/8), Office of this Paper.

LONDON, S.W.—Modern Pharmacy; well stocked; splendid situation; good prices; good house (part could let); low rent; returns £520, increasing; good opening for Dentistry, Optics, or any side-lines; owner taking larger business; an exceptional chance for energetic man; price £160; small Patent sale. 98/29, Office of this Paper.

LONDON.—For Disposal, very profitable Retail and Prescribing Business; good position in busy thoroughfare; returns £680; bachelor with up-to-date ideas will find this an exceptional opportunity; only valuation terms. Apply, "Genuine" (99/22), Office of this Paper.

LONDON, S.W.—Excellent opportunity for energetic man; a much-neglected Branch Shop, beautifully fitted, well stocked, in busy marketing thoroughfare; gas and electric light; takings £700 under indifferent management; splendid opening for Dentist; great scope for increase. Apply, first by letter, to Mr. H. Wood, Milk Street Buildings, City.

LONDON, W. (on Main Road).—Splendidly fitted Shop, with commanding windows, in rapidly growing neighbourhood; large house and garden; rent, on lease, £45; net profit £180; books properly kept; price £250, part of which could remain; at present under management. "Statim," 6 Triangle Buildings, Station Road, New Barnet.

BUSINESSES FOR DISPOSAL

(continued.)

LONDON, S.W. (good-class Residential Suburb).—Sound Light Family Retail, Dispensing, and Prescribing Business; no near opposition; returns nearly £700; opening for Side-lines; net profit £200; good house, bathroom, garden, etc.; well-fitted shop; stock worth over £200; price £400; only cash buyers entertained. "Pepsin" (99/32), Office of this Paper.

LONDON Suburb.—High-class Light Retail, Dispensing, and Photographic Business in main thoroughfare; shop handsomely fitted and well stocked; good opening for Optics; price, valuation of stock and fixtures (about £400); fullest investigation invited to genuine buyer; references required; no agents. "Confidential" (74/6), Office of this Paper.

MANCHESTER (Healthy Suburb).—Well-fitted Light Retail and Proprietaries, with Wine Licence; closed all Sunday and Wednesday afternoons; advertiser being in his 76th year the business has been neglected, except where least troublesome and most profitable; receipts about £400 (£80 Wine and Patents); about £350 required; a good opening for a modern man. 98/1, Office of this Paper.

SHEFFIELD DISTRICT.—Small suburban Business for Disposal; established 2 years; living already assured; excellent prospects; rent £30; price low; terms could be arranged; full investigation; good reason for selling; principals only. Burrell, Ph.C., 13 Rustlings Road, Sheffield.

SHEFFIELD (near).—Light Cash Retail and Prescribing; good prices; main road; managed by lady; good house, well decorated and comfortable; capable of doing a big business; genuine bargain; suit beginner or elderly person; price £85. Brett & Co., Chemists' Valuers and Transfer Agents, 8 West Street, Leicester.

SHIPLEY.—Retail and Prescribing Business; ill-health cause of sale; price about £100; house and shop £25 rent. Apply, J. Naylor, Park Mount Avenue, Baildon, Yorkshire.

SHROPSHIRE.—Old-established Family Prescribing, Photographic, Agricultural, and General Retail; gross returns about £790; net profits £200; easy hours; no Sunday work; good house; price £450 quick sale. Address, "Rhei," Southall Bros. & Barclay, Ltd., Chemists' Valuers, Birmingham.

SOUTH-EAST COAST (Popular Seaside Resort).—Genuine Light Retail and Dispensing Business, with Photographics; well situated in centre of town, and doing a steady turnover of £900 yearly; changed hands once in 40 years; comfortable house, with bathroom, etc.; nominal rent; valuation required, about £500. "S. E. C." (99/302), Office of this Paper.

SOUTHPORT.—Retail Chemist's Business; recently established; Eastbank Street (leading thoroughfare); £125 to immediate purchaser, less than value of stock and fixtures; exceptional chance for man with small capital and up-to-date Store experience; good opening for Dentistry; satisfactory reason for disposal. Full particulars from Smith, 64 Manchester Road, Southport.

SURREY (12 miles S.W. London).—Snug genuine Retail Photographic Business; nearly £6, increasing; profitable Proprietary; well-fitted shop; clean saleable stock; good house, bath (h. and c.); large garden, with fruit trees; must be sold; satisfactory reason; every investigation to immediate purchaser; only £200. "S. W." (86/56), Office of this Paper.

WEST OF ENGLAND.—Charming situation; country town; returns £620 under management; profit £200 per annum; audited accounts; price £450. Particulars address, "Alpha," o/o Southall Bros. & Barclay, Ltd., Chemists' Valuers, Birmingham.

WEST OF ENGLAND.—Old-established, good mixed-class Dispensing and Family Business, in an Agricultural district, with up-to-date Mineral-water Factory attached; returns £1,000; satisfactory reasons for disposal; convenient house and garden; price required about £600. 95/36, Office of this Paper.

YORKSHIRE (West Riding).—For immediate Disposal, old-established Chemist's Business; prominent corner position in populous district; owner dead; returns £900; price £250. 85/17, Office of this Paper.

BETWEEN Leeds and Bradford.—Old-established Business; attractive shop; well stocked; Light Retail, Prescribing, and Extractions; exceptionally good house; healthy district; returns about £400; will increase; very profitable, having good Proprietaries; price about £300 for quick sale; full investigations. Apply, 94/5, Office of this Paper.

CHEMIST and Drysaltery Business; established half a century; doing now £500 a year; could easily be doubled; must be sold through ill-health of proprietor. Write, 30 Market Street, Lower Broughton, Manchester.

CHEMIST'S and Drug Stores as a going concern; bottles and fittings complete; lock-up shop; rent and use of fixtures 7s. clear. Apply on premises, 29 Northumberland Street, Liverpool.

CHEMIST'S Business, well stocked and beautifully fitted, for immediate Disposal; returns about £1,500 per annum; good house; county town, 25 minutes' rail from London; a real bargain; also complete set of shop-fittings, with shop-rounds, etc.; going at great sacrifice. Apply, "Pharmacist," 35 Howard's Lane, Putney, S.W.

COUNTRY (20 miles from Town).—Good-class Retail, with Gilbey's Agency, and a well-known Proprietary; good house and large garden; beautiful and healthy district; returns £1,100; rent £50; easily worked, single handed; price £600. "Beta" (95/10), Office of this Paper.

DEATH Vacancy.—£100 will purchase stock and fixtures of an old-established Business in the N.W. district; been neglected through ill-health; could be worked up by energetic man. Apply, "E. S." (94/37), Office of this Paper.

DISPENSING and Family Retail Business in N.W. district; good class; owner retiring on account of ill-health; bargain to cash buyer. Apply, "S," 77 Cecil Park, Crouch End, N.

DRUG Stores.—Essex.—An exceptional opportunity for qualified man, where there is ample scope for Dentistry and Photography, in pleasant suburb of London; large population; magnificent house accommodation; large premises at back, with stables; rent £50 a year; lease 90 years to run; the property could be purchased at a low figure; £100 down, balance could remain on mortgage at 4½ per cent. 96/38, Office of this Paper.

ELEGANT and up-to-date Pharmacy in heart of City; unique low price and genuine offer for cash only. Full details and particulars to bona fide applicants, "X. Y." (98/21), Office of this Paper.

EXCEPTIONAL Opportunity for Energetic Man.—Well fitted and stocked Chemist's Shop; S.W. London; fine corner position; mixed population; doing over £600 per annum, rapidly increasing; price for immediate sale £300 (on terms if necessary). Call or write to H. Whyte & Co., "Medical Transfer Agents," 10 Duke Street, Adelphi, London, W.C.

FOR Disposal.—Owing to the death of one of the principals of 2 important Pharmacies in a residential town in the West of England, one is for Disposal—a high-class Dispensing Business, with some Photographic trade; situated in an excellent position, commanding a good-class and extensive neighbourhood; established 16 years, and affording exceptional opportunity for extending under personal and energetic management; large and convenient house; low rental; pleasantly situated. For full information as to turnover, annual profits, and purchase, apply, "Pharmacist" (94/8), Office of this Paper.

HEALTH Resort, county town and yachting station (North Wales); high-class old-established Dispensing, Optical, and Retail; excellent and annually increasing connection; only one opposition in town (unqualified) and for a distance of several miles; owner leaving country; low price to dispose before summer season; good premises; low rent. "Alpha" (85/49), Office of this Paper.

MEDICAL HALL (Belfast) for Sale; Dispensing and Retail Cash trade; leading thoroughfare; 32 years established; Medical patronage; owner retiring; splendid opening for young man. Apply, Macfarlane, 133 Royal Avenue, Belfast.

NO reasonable offer refused; very low price only asked; owner must sell immediately; Prescribing and General Retail; qualified or unqualified; £5 to £6 weekly; no Patents; look-up; low rent, no taxes; lease; stock and fixtures insured £200; a sound investment for genuine buyers; opening (unquestionable) for Wholesale, Dentistry, Photography. "Chemist," 189 Upton Lane, Forest Gate, London.

OLD-ESTABLISHED high-class Pharmacy for Sale; health retirement; large, handsomely-fitted hall, with every modern convenience; electric light; main thoroughfare; pleasant dwelling-house attached; introduction given; price about £2,000. Apply, by letter only, "M.P.S.I.," c/o Barron, Harveys & Co., 6 Giltspur Street, London, E.C.

OLDEST-ESTABLISHED Business; occupying best position in favourite seaside resort in North Wales; present hands 35 years; owner retiring; returns (nearly £600) could be largely increased by energetic man; no stores in neighbourhood; rent £45; lease; price £400; no agents. "Retiring," 58 Hanover Street, Liverpool.

£125 for old-established Chemist Business; terms easy, part can be taken by instalments if necessary; good opportunity for energetic man; double-fronted shop, well fitted, in main thoroughfare, surrounded with large population; no opposition; good workable stock, and room for side-lines. Write, 99/29, Office of this Paper.

£1,000 per annum net profit; owner having made a reasonable competency, wishes to Dispose of his small Wholesale Business, which could easily be doubled; qualification not essential; please state capital at command. 97/13, Office of this Paper.

FOR SALE.

COMPLETE Fittings, Solid Mahogany, as good as new.—Counter, cased front, nest drawers, shelving over and cornice, with clock fixed; dispensing-screen, mirror centre, sponge-case under; perfume-case and desk, mirror back; bent-glass counter-case; 150 bottles, 1 doz. jars, scales, carboys; £65 packed free; sell separate. F. W. Smith, 3 Belgrave Terrace, Leeds.

FOR Sale, second-hand Chemist's Fitment, 12 ft. long, 9 ft. high, containing 40 drawers with cupboards below, 1 centre cupboard, with silvered-glass door, 4 rows of shelves above with silvered-glass backs, in mahogany, only 2 years in use; cheap; also large outside gas lamp. Apply, D. McGlashan, 43 Eastgate, Inverness.

6-FT. bent front counter-case, good second-hand, 70s., a bargain; 2 first-class 4-gall. swan-neck carboys, 27s. 6d. each; 12 3-lb. pink jars, gold labelled, 40s.; 3-ft. bent front counter-case, 40s.; 6-ft. dispensing-screen, mirror, centre, 90s.; 12 doz. gold-labelled shop-rounds, £5 15s.; 2 4-gall. carboys, out stoppers, 12s. 6d. each. R. Tomlinson & Sons, Bond Street, Birmingham.

TO LET.

CRICKLEWOOD BROADWAY.—To Chemists and Druggists.—To Let, commanding Shop premises, with house over, in this important thoroughfare; just built; magnificent opening here for this trade; rent £125 per annum; shop-front and fittings will be arranged for responsible man; advantageous terms offered. Apply, at once, to A. Bretzfelder, Builder, 180 Cricklewood Broadway, N.W.

HARROGATE.—Look-up Shop and large dry cellarge to Let, July 1; situated most central at the junction of 7 streets, it offers an excellent opportunity for establishing a sound lucrative business, or good branch. Procter, 6 Oxford Street, Harrogate.

KINGSTON-ON-THAMES.—Main road; the choice of two very fine Shops to be Let; either admirably suitable for Chemist's; no other in same road; commanding position, near tram junction, and in best business street in the town. Apply on premises, Gaze, 40 Clarence Street, Kingston-on-Thames.

SHOP to Let; positively a good opening for a Chemist and Druggist; no other Chemists in the road or near; 82 Moyer Road, Streatham. Apply, H. Thorp, 42 Pretoria Road, Streatham.

TO Let, exceptional position for Chemist, centre of the High Street, Barnet; new premises; Shop and House of 6 rooms; front will be fitted to suit tenant; dark-room and well-fitted store; long lease for sale at moderate premium. Peake, Chemist, Hertford.

AGENCIES.

ADVERTISER, having a sound connection in India and China, would be pleased to negotiate with a firm who are desirous of being represented in these markets with suitable goods; I am also open to accept further Agencies for Lancashire, Staffordshire, and Midlands; having offices in Manchester I am well placed to do large business. 97/7, Office of this Paper.

AGENCY wanted for Sheffield and district, Drug and allied trades; references good. Reply first, "C. B.," c/o A. Hobson, 2 Cliffe Field Road, Sheffield.

BUSINESSES WANTED.

WANTED, a good-class Business: London or the suburbs; returns between £750 and £1,500. Full particulars to "T. B. C." (94/31), Office of this Paper.

WEST END (Strand or Piccadilly preferred).—Chemist's Shop wanted to advertise from; turnover and profits immaterial; business closing down would suit; stock and fixtures, etc., would be bought, but nothing allowed for goodwill. "W." (94/23), Office of this Paper.

PARTNERSHIPS.

QUALIFIED man wanted as Partner in Wholesale business with Retail attached; Manchester district; present turnover (Retail under management) £1,500; capable of increase; large Surgical Appliances and Optical trade and undeniable opening for Dentistry; excellent opportunity for a young man who is a good salesman with energy and capital; fullest investigation granted and expected. Address, "Chemicus," c/o Coventry Traders' Association, Coventry.

APPRENTICESHIPS.

APPRENTICESHIP.—Trustees desire to place out orphan boy (nearly 16); indoors; son of a late Chemist. Full particulars as to terms, hours, time for study, etc., to N. S. White, Chemist, Earl Shilton, Hinckley.

SITUATIONS OPEN.

3s. 6d. for 50 words or less; 6d. for every 10 words beyond, prepaid.

RESULTS
OF ADVERTISING IN THIS SUPPLEMENT
LAST WEEK June 19 1909

NATURE OF ADVT.	REPLIES
UNQUAL. ASSIST?	58
BRANCH MANAGER	39
REPRESENTATIVES	38
BUSINESS WANTED	27
BUSINESS WANTED	26
TRAVELLER	25

This Blackboard demonstrates that Advertisers using these columns get a ready response to their announcements. The figures only refer to some of the letters RECEIVED AT OUR OFFICE on behalf of advertisers who use a number or nom de plume.

RETAIL.

ALDERSHOT.—Wanted, immediately, smart Junior Assistant. State age, height, salary required in first application, Allen & Lloyd, Chemists, Aldershot.

Replies to Advertisements may be addressed to this Office and forwarded to the Advertiser for an additional charge of 6d. Trade circulars and samples can in no case be forwarded.

BAKEWELL.—Qualified Assistant wanted; outdoors; no Sunday duty; close 2 o'clock Thursdays. Please state age, height, salary required (outdoors), and references, to E. G. Carrington, Chemist, Bakewell.

BARNSELY.—A qualified Assistant wanted (about 25) for good-class Retail and Dispensing business; outdoors; must be a reliable Dispenser. Apply, enclosing photo and stating age, height, experience, and salary required to J. W. Moorhouse, Pharmacist, Barnsley.

BIRMINGHAM.—Wanted, an Assistant to live on the premises; married (no children) preferred; also a Turnover Apprentice. C. Thompson, Pharmacist, 159 Stratford Road, Sparkbrook, Birmingham.

BIRMINGHAM.—Manager to take sole charge; outdoors; salary 50s. Apply, W. H. Wilkins, Ltd., Perry Barr.

BIRMINGHAM.—Qualified Assistant; able to take charge of branch; must be accustomed to good-class trade; good Counter-man, Dispenser, and Window-dresser. Apply, giving full particulars of age, height, salary required (outdoors), etc., to Hedges & Son, Pharmacists, Birmingham.

BOMBAY.—Wanted, qualified Assistant, under 25 years of age; passage P. & O. paid out and home; salary first year £172, second year £192, third year £212 per annum; 3 years' agreement certain. Apply, with photo and copy testimonials, to "R. L.," c/o S. Maw, Son & Sons, 7 to 12 Aldersgate Street, E.C.

SITUATIONS OPEN *(continued.)*

BOURNEMOUTH.—Assistant wanted; accurate and neat Dispenser and good Counterman; qualified preferred, but not essential, provided thoroughly experienced and accustomed to good-class business. Please give particulars as to age, experience, height, salary required (indoors), photo if possible, H. J. Hughes, Queen's Road, Bournemouth.

BRIDGWATER.—An unqualified gentlemanly Assistant wanted for good-class Country Retail; age about 30-35; married preferred; Photography; short hours; no Sunday duty; splendid opportunity for man desiring a permanency; salary and good commission paid to suitable man. Apply, with usual particulars, enclosing photo, to W. Deacon, Chemist, High Street, Bridgwater.

BRISTOL.—Junior Assistant wanted for Dispensing and Photographic business; outdoors; half-holiday weekly. Apply, stating age, height, salary required, experience, also references, photo if possible, to F. Moss, 206 Redland Road, Bristol.

BROMLEY (KENT).—Wanted, for good-class business, an Assistant; must have good references; 2 days free a week. State age and salary to E. H. Kendall, 195 Widmore Road, Bromley, Kent.

CAPE TOWN.—A qualified Retail Assistant wanted; under 28 preferred; 3 years' agreement; passage paid out; salary £15 per month first year, £16 per month second year, £17 per month third year; outdoors. Apply, "C. T." (85/58), Office of this Paper.

CARDIFF.—Lady Assistant required by a firm of Photographic Dealers; a good Saleswoman, experienced in the Photographic business essential; salary £1 per week (outdoors). Age, height, experience, and photo, with first letter, Duck & Son, Chemists, Cardiff.

CITY.—Assistant-Manager required, by end of July, with good experience; outdoors; personal interview only. Pierce, Tulley & Co., 36 Great Saint Helen's, E.C.

CLEVEDON.—Reliable Assistant in high-class Dispensing business; previous experience in Dispensing essential; indoors. Full particulars as to age, height, experience, salary required, and enclose photo (which shall be returned), J. H. Shepherd, Pharmaceutical Chemist, 16 Hill Road, Clevedon.

DEAL.—A Junior Assistant or Improver wanted for Dispensing, Light Retail, and Photographic business; outdoors; easy hours. State salary required and usual particulars (photo), to E. J. Dobson, Victoria Pharmacy, Deal.

EXETER.—Messrs. Broom, Reid & Co. require Assistant (about 25) as Dispenser; outdoors; must have had previous experience in first-class Dispensing establishment and be of good address. State all particulars, salary required, and enclose photo, to Mr. Reid, 2 Queen Street.

FAVERSHAM.—Junior or Improver wanted for a Country business; half-day off weekly; no Sunday duty. Full particulars as to reference, salary, etc., enclose photo, to T. J. Thomas, Pharmacist, Faversham.

HULL.—Qualified Manager, married preferred, abstainer, to take sole charge of a Branch in working-class district; to live on the premises; rent, rates, and gas free. Apply, with full particulars, F. E. Lambert, 145 Anlaby Road, Hull.

LIVERPOOL.—Qualified Assistant wanted, immediately, to take charge of Branch. Apply, "Unit," Evans Sons Lescher & Webb, Ltd., 56 Hanover Street, Liverpool.

LIVERPOOL.—Qualified man wanted for branch; must be reliable, energetic, and good Dispenser; no Sunday nor holiday duties. Usual particulars to MacSymon's Stores, Ltd., Deane Street, Liverpool.

LIVERPOOL.—Assistant; indoors; experienced and used to good-class business. Apply, with full particulars in first letter, to "M. C. A.," c/o Messrs. Evans Sons Lescher & Webb, Hanover Street, Liverpool.

LONDON, W.—Competent indoor Assistant, by end of June; about 25; knowledge of Photography essential; abstainer preferred; half-day off weekly. Usual particulars and salary required to Barton Dell, Store Chemist and Surgeon Dentist, 148 King Street, Hammer-smith, W.

LONDON, W.—Wanted, Assistant; about 22; must be a good Dispenser; indoors. State salary required and send photo to J. Maitland & Son, 10 Chester Place, Hyde Park Square.

LONDON.—Outdoors; qualified Assistant; not under 25; must be able to speak French well and have had continental experience; good salary to suitable man. Full particulars to 94/5, Office of this Paper.

LONDON, S.E.—Smart Junior Assistant, outdoors, immediately; must be reliable, energetic, and a good Counterman; weekly half-holiday; a good opportunity for a smart man; good salary offered. Apply, stating age, height, and experience, enclosing photo with references, 98/25, Office of this Paper.

LONDON, S.W.—Gentlemanly Assistant required; accustomed to good-class Counter trade; about 25 years of age; outdoors. Address, stating experience and salary required, 1141a, Sell's Advertising Offices, Fleet Street, E.C.

LONDON, S.W.—Wanted, smart Junior Assistant for the Counter, with knowledge of Photography preferred. Apply, Manager, Drug Department, Francis & Son, Ltd., 450 Brixton Road, S.W.

LONDON, S.W.—Wanted, immediately, a qualified Assistant; good Dispensing experience. Apply, giving age, experience, salary required, at once, to Stickland & Co., Pharmaceutical Chemists, Cromwell Place, South Kensington, S.W.

LONDON, N.W.—Wanted, at once, qualified Manager for small business; Retail, Prescribing, and Photographic; outdoors; rather long hours; personal application preferred, if not, state age, height, etc., and salary required, F. G. Turner, 129 Canterbury Road, Kilburn, N.W.

LONDON, W.—Qualified, gentlemanly Assistant; aged 22 to 25; indoors; good-class Dispensing; vacant June 25. State salary and usual particulars, Harding, The Avenue, West Ealing.

LONDON, W.—Wanted, an Assistant (about 22) in a Family and Dispensing business. Apply, enclosing photo and particulars, to 99/23, Office of this Paper.

LONDON, W.—Qualified Assistant (about 25), outdoors, to commence July 19; used to good-class Store business and Photography; whole day off weekly; state experience and salary required. Address, 99/13, Office of this Paper.

LONDON Suburb.—Qualified Branch Manager; good-class Retail, Dispensing, and Photographic, Optics; half-day weekly; Sunday duty 2½ hours fortnightly. Particulars, including age, height, experience, salary required, enclosing photo, to Matthews' (Cash Chemists), Ltd., Palmer's Green, N.

LONDON, N.—Qualified Branch Manager, married, not over 30, for good-class Dispensing and Photographic business near Victoria Park; willing worker; wanted at once; house and gas free, with salary and commission. Particulars and photo to the Executors of J. Wells Wood, 92 Green Lanes, London, N.

LONDON, S.E.—Wanted, in a Retail and Dispensing business, with sound Extraction, a Managing Assistant; indoors; knowledge of Photography. Apply, with reference, salary, when disengaged, age, etc., to D. U. Still, M.P.S., No. 9 The Village, Old Charlton, S.E.

LONDON, W.C.—Wanted, by middle of July, qualified Assistant; outdoors; aged 25 to 30; accurate Dispenser and good Counter experience. Apply, with full particulars, "Manager," c/o R. S. Starkie, 7 and 8 Grand Hotel Buildings, Trafalgar Square, W.C.

LONDON, N.E.—Assistant, outdoors, for a suburban business; closed on Thursday at 2 o'clock. State age, height, experience, qualifications (if any), and salary expected to Matthew & Son, Chemists, 722 High Road, Leytonstone, N.E.

LONDON, W.—Qualified Assistant; 24 to 26; July 15; Counter and Dispensing, with Continental experience preferred; indoors; knowledge of Photography. State experience and enclose photo to T. Kempston, 48 Regent Street, W.

LONDON, WEST.—Qualified; indoors; two vacancies in old-established West-end Pharmacy; town experience essential. Personal application, or letter with full particulars, giving height, salary required, etc., to "H. E. R.," 7 Pall Mall East, S.W.

MANCHESTER.—Wanted, qualified Branch Manager; used to sole charge of large Store trade, with undeniable references; in situation at present and one desiring a permanency; liberal salary. Send full particulars, also photo, to "E. R.," c/o James Woolley, Sons & Co., Ltd., Victoria Bridge, Manchester.

MACCLESFIELD.—Qualified Assistant wanted; outdoors; abstainer preferred; Photography; thoroughly competent; one only kept. State age, height, experience, references, salary required, and all particulars (enclose photo, to be returned), Dunealf, Chemist, Macclesfield.

MANCHESTER.—Manager for Drug Stores. State age, experience, and salary, with reference, 97/14, Office of this Paper.

MANCHESTER DISTRICT.—Wanted, qualified Branch Manager; one used to Drug-stores preferred; must be of good appearance and competent to take sole charge; one desiring a permanency preferred. Send full particulars as to age, salary required, photo, and references, to "X. X.," care of C. Harrison, Chapel Street, Victoria Bridge, Manchester.

MATLOCK.—Wanted, qualified Assistant; outdoors. Apply, stating age, height, and salary required, photo if possible, to Davis, Pharmacist, Matlock.

NATAL.—Messrs. Turner & Co., Maritzburg, require qualified Assistant: young man; good appearance, good manner, industrious; knowledge of Photo goods, Window-dressing; one who has had experience in good business in provincial town preferred; 3 years' agreement to be signed; second-class passage paid; salary £15, £16, and £17 for first, second, and third years respectively. Apply, with full particulars, to T. & Co., c/o J. Murdoch & Co., 52 Leadenhall Street, E.C.

OSKEHAMPTON, DEVON.—Vacancy for an Improver or one wishing to gain experience in a good-class country business; short hours and ample time for study if desired. Apply, Seth Harry, Okehampton.

OLDHAM.—Wanted, qualified Assistant; outdoors; state age, height, experience, references, and salary required, with photo. Address, 94/3, Office of this Paper.

OSTENDE.—Ach. De Cock, Pharmacie Centrale, Belgium, requires an Assistant for the summer season; must be thoroughly acquainted with International Pharmacy. Apply, with references, to above address (urgent).

PARIS.—For leading English Pharmacy, an Assistant of good appearance; age about 25; good home experience essential and Continental desirable; knowledge of French indispensable. Apply, "Parilond" (99/6), Office of this Paper.

READING.—Gentlemanly Assistant, unqualified (age 25 to 30), for Cash Retail, Dispensing, and Photography, from July 5 to September 18; send full particulars, references, and recent photograph; interview essential; weekly half-holidays. Cross & Co., Chemists, Reading.

WEST HAM UNION.

MALE DISPENSER.

THE Guardians invite applications for the above appointment at their Workhouse, Union Road, Leytonstone, N.E., at a salary of £100 per annum, rising by £10 annually to a maximum of £120 per annum, with dinner and tea daily.

Candidates must be between the ages of 25 and 40 years, and the gentleman appointed must be a Licentiate of the Society of Apothecaries of London, or hold a certificate of that Society as to his qualification to act as an Assistant in Compounding and Dispensing Medicines, or must have been duly registered under the Pharmacy Act, 1868.

Applications, which must be made upon forms to be obtained from this office, must be received by me not later than 10 A.M. on July 8.

Canvassing the Guardians, either directly or indirectly, is prohibited, and will disqualify.

By order of the Board,

THOMAS SMITH,
Clerk.

Board Room, Union Road, Leytonstone, N.E., June 24, 1909.

WOLVERHAMPTON.—Improver wanted; age about 19; one who has had 2 or 3 years' experience in a good-class business; outdoors; weekly half-holiday; no Sunday duty. Please apply, giving usual particulars, to Phillips, Pharmaceutical Chemist, Wolverhampton.

YORKSHIRE, WEST RIDING.—Smart Junior (20-21) required immediately. Full particulars as to experience and salary required, 96/70, Office of this Paper.

A GOOD capable Assistant, qualified, in about two weeks' time; must be well up in all branches of a good-class country business. State fullest particulars in first letter as to age, height, reference, photo, salary (indoors), "Rex," Davy Hill & Co., Park Street, Southwark, London.

ADVERTISER is opening a branch in a village (population 1,500), and wants qualified man to take Management (nominal salary), with view to Partnership or succession; would suit delicate person; easy hours; must have undeniable references; state terms. Apply, "Statim" (94/1), Office of this Paper.

BRANCH Manager wanted for Drug Stores; married; Extractor, and with knowledge of Dental work preferred; free house; working-class district; half-holiday weekly; easy hours. Apply, stating whether qualified or unqualified, age, salary, references, etc., to Watson, Central Drug Stores, Cleator Moor, Cumberland.

FOR first-class Dispensing business in the Midlands; qualified Assistant of good experience and address. Apply, with particulars of salary required, etc., 85/28, Office of this Paper.

GENTLEMAN shortly giving up position as Manager wishes first to recommend successor, Chemist and Dentist; suit middle-aged man desiring permanency; Staffs. 93/24, Office of this Paper.

JUNIOR; outdoors; 3 months; bed and board found; salary £30 per annum. Smart, Littlehampton.

JUNIOR Assistant for good-class Retail and Dispensing in country town. Filtness, Chemist, Crowboro', Sussex.

LOCUM wanted, from July 17 to July 31 inclusive; a qualified, reliable, and experienced Locum; personal application preferred. Apply, Mr. Gordon, French Hospital, 172 Shaftesbury Avenue, W.C.

QUALIFIED; outdoors; chiefly Dispensing. State particulars, Round, Birkdale, Southport.

QUALIFIED Manager wanted for good-class business, capable of increase; married, to live on premises; must be a worker and accustomed to modern business methods; steady and trustworthy; good opening for a smart and capable business man. Give full particulars of experience, age, etc., to R. H. Tootill, Pharmaceutical Chemist, Altrincham.

QUALIFIED Assistant wanted; aged about 25; one accustomed to large Retail trade; outdoors, meals in; good salary to suitable man. Apply 85/36, Office of this Paper.

SMART Improver wanted, or young man just out of apprenticeship, for Light quick Retail business; an unusual opportunity for learning Sight-testing and Teeth-extracting; half-holiday weekly and practically no duty. Griffiths, Chemist, Pontardawe.

WANTED, an Improver for high-class Dispensing business in fashionable watering-place on South Coast. "D. L. M." (95/6), Office of this Paper.

WANTED, qualified Assistant for Mixed Country business; outdoors; state age, experience, references, and salary required. Address, "Aspirin" (91/18), Office of this Paper.

WANTED, competent Counter Assistant; steady and industrious. State salary, D. P. Roberts, Chemist, 120 North End, Croydon.

WANTED, young man as Manager of branch; qualified; used to Photography; Mixed Country business. Apply, full particulars, salary required (outdoors), photo, Holmes, Pharmacist, Bowness, Windermere.

WANTED, qualified Assistant; outdoors; no Sunday duty; half-holiday weekly. State age, references, and salary required, J. Sidebottom, Chemist, Church, Accrington.

WANTED, qualified Manager; abstainer; outdoors. Also good Locum for two months. Apply, stating salary required, to 98/39, Office of this Paper.

WANTED, Manager (qualified) for modern Cash business; very comfortable berth for a first-class man; state age, whether married, and give details of experience; character must bear the strictest investigation. 96/7, Office of this Paper.

WANTED, qualified man for Home County town during river season; good Window-dresser preferred; young; single; active; outdoors; salary £2 10s.; in good-class business; no heavy trade; short hours and weekly half-holiday. 96/23, Office of this Paper.

WANTED, Assistant; outdoors; must have passed Preliminary and be good Dispenser. State full particulars with salary expected, J. Noble, Pharmacist, 20 Woodcote Road, Wallington, Surrey.

WANTED, qualified Branch Manager; married preferred; must have best of references and be a smart Counterman; permanency to good man; half-holiday weekly; no Sunday duty. State wages required and give references from last two employers, Thompson's, Cash Chemists, Ashton-under-Lyne.

WANTED, a qualified Branch Manager; abstainer preferred; must be a smart Counterman and used to Store trade; half-day and no Sunday duty; wages 50s. Apply, with references, to Griffiths, Chemist, Droylsden.

IMPORTANT to Assistants.—5s. 6d.; bedroom, and use of sitting-room, dining-room, billiard-room, 10-ft. table; piano; bath (h. and o.); tennis; board as required. Mrs. Hosier, 36 Fitzroy Square, London, W.

SITUATIONS OPEN *(continued).*

WHOLESALE.

A LONDON firm of Manufacturing Chemists requires Senior Clerk with all-round experience, including conduct of correspondence and control of office staff; preference given to one able to correspond in French and/or German, although not an essential. Apply, with full particulars of qualifications, age, and salary required, to "X. Y. Z." (98/18), Office of this Paper.

C LERK (about 22) required in Export house; must be good and quick writer and have had previous experience in the trade; progressive post for a smart man. Full particulars and salary required to 85/42, Office of this Paper.

J UNIOR Invoice Clerk wanted for the office of a London Wholesale Drug-house; must have some knowledge of the trade. Address, stating previous experience and salary required, to "Specials," c/o Streets, 30 Cornhill, E.C.

L ABORATORY.—Wanted, for a British Colony, a first-class man, well up in the Manufacture of Galenicals, able to determine Alkaloidal Strengths of Tinctures, and to Standardise; unmarried preferred; good salary (progressive). Apply, by letter only, giving full particulars, to "A. S." (85/508), Office of this Paper.

L EDGER Clerk required by Wholesale Drug house in City; age about 25. Replies, giving all particulars as to past experience, etc., to 99/20, Office of this Paper.

R ELIABLE man wanted; able to control girls; accustomed to prepare and superintend packing for general shop trade; one seeking permanency preferred. State experience and salary required to 97/32, Office of this Paper.

R EQUIRED, lad (about 18) for City Druggist's; used to wrapping and labelling Tinctures, etc. Apply, stating experience, "Tinctures" (95/3), Office of this Paper.

R EQUIRED, reliable Traveller at present calling upon large Wholesale Druggists, to sell, as a Side-line, an article in which a large business can be done; liberal terms to suitable man. Address, "O. Q. W.," c/o Dawson's, 121 Cannon Street, E.C.

T RAVELLER wanted for country by a firm of Toilet Soap and Perfumery Manufacturers; salary, travelling expenses, and commission; must be a fully competent man, with experience in own name Soaps and Perfumery, and have good connection and undoubted references. Address, "H." (73/61), Office of this Paper.

W ANTED, a smart Traveller to take up several first-class Toilet Requisites as a side-line; liberal commission. Apply, "X." (85/35), Office of this Paper.

W ANTED, Traveller to take up, as a Side-line, the latest high-class Toilet Novelty, on commission. Apply, Rozeau Co., Batchelor Street, Liverpool.

SITUATIONS WANTED.

1s. for 12 words or less; 6d. for every 10 words beyond, prepaid.

RETAIL.

L ADY Dispenser; qualified; Locum; dates open. "L.," 76 Bedford Road, Ilford, Essex.

W ALES.—Locum; permanency; 16 years' experience. Jones, 7 Dyffryn Street, Pontllytyn, Glam.

L OCUM.—Pharmacist; disengaged; town and country experience. Price, Brynamlwg, Crowboro', Sussex.

D ISENGAGED; unqualified; several years' experience. R. M. Lelean, 11 Princess Road, Leicester.

U NQUALIFIED; 36; Extractor, Prescriber; good references. "F.," 57 Firth Park Road, Sheffield.

L OCUM; 31; undeniable references; well recommended; 15 years' experience. Newton, Pharmacist, Matlock Bath.

U NQUALIFIED; good Dispensing, Retail, and Photographic experience; good references. "S.," 46 Talbot Street, Southport.

Q UALIFIED; experienced; highest references; Management, Locum, or Relief; disengaged. Address, "B.," c/o J. Woolley, Sons & Co., Manchester.

Y OUNG French qualified Chemist wants situation for August and September in good-class business in order to learn English. Lefebvre, 2 rue Duphot, Paris.

L OCUM or Part-time; qualified; active, obliging; abstainer; Fridays and Saturdays whole days and any morning free. "Borax," 535 Holloway Road, N.

P ERMANENCY; 14 years' every experience, London and provincial; highest references; unqualified. "Civility and Courtesy," 274 High Street, Rochester.

M ANAGER; Minor, and Registered Dentist; upwards of 20 years' excellent experience; Locum or otherwise; Extractions and Impressions. "N. N. B." (20/20), Office of this Paper.

L OCUM; qualified; disengaged till July 1. "Caius," 21a Castle-town Road, West Kensington.

L OCUM or Junior; first-class experience; disengaged shortly. "Dispenser," 125 St. John's Hill, S.W.

Q UALIFIED; 10 years' all-round experience; Manager or Assistant. "Rhei" (98/23), Office of this Paper.

L OCUM; M.P.S.; disengaged July 3 to July 18 and after August 14. "Pharmacist," 9 Church Lane, Leytonstone, N.E.

L OCUM; 23; unqualified; Provinces preferred; first-class experience. "Statim," 241 Lincoln Road, Peterborough.

S TUDENT wants temporary berth about July 1; not more than 6 weeks; 30; experienced. 98/20, Office of this Paper.

J UNIOR; age 20; good experience; knowledge of French and Photography. "A. B.," 11 Clonmel Road, Fulham, S.W.

L ADY Dispenser; Locum or permanency; excellent testimonials and experience. "X.," 40 Mayflower Road, Clapham Road.

B RANCH Manager; qualified; 32; married; abstainer; disengaged soon; London only. "Aspirin" (99/24), Office of this Paper.

C OMPETENT, energetic Assistant, Prescriber, Extractor; disengaged in few days; married; age 39. "Rhei," c/o Gadd, Chemist, Vauxhall.

L OCUM or otherwise; competent Assistant, Prescriber, etc.; married; disengaged in a few days; age 39. "Squills," 99 Victoria Road, Peckham.

J UNIOR; 22; unqualified; disengaged from July 5 till September 25; good all-round experience; good references. Ezra, 22 Oriental Place, Brighton.

M ANAGER or Locum; experienced Buyer, Prescriber, and Extractor (own instruments); disengaged. Mr. Watson, Registered Chemist and Dentist, 86 Victoria Road, Netherfield, Notts.

A DVERTISER (registered Chemist), having relinquished business of his own, desires engagement as Locum or Reliever during summer months. Particulars, 97/4, Office of this Paper.

LOCUM; 21; unqualified; disengaged; highest references. Walker, 54 Beam Street, Nantwich.

EXPERIENCED Assistant; permanent "or Locum; unqualified; outdoors. 93/5, Office of this Paper.

LONDON; 22; permanency with evenings free preferred; good worker. Mills, "Ashton House," Bath.

JUNIOR, Improver, or Dispenser to Surgeon; tall; 19; Photography. "Curare," 82 Elgin Crescent, W.

ASSISTANT; 25; competent; reliable; disengaged. Phil D. Campbell, 45 Herbert Street, Cambridge.

JUNIOR; 20; 3 years' experience; London preferred. Jenkins, Llainlas, Gellywen, St. Clears, Carmarthen.

LOCUM; Minor; experienced; disengaged from mid-July. "Young," 111 Grove Lane, Handsworth, Birmingham.

ASSISTANT; outdoors; 32; unqualified; Retail and Stock; disengaged July 8. Kellard, 273 Victoria Dock Road, E.

NOTTS DISTRICT—Permanency or Locum; 25; unqualified; now disengaged. "Velox," 48a Lees Hill Street, Nottingham.

QUALIFIED; 35; tall; single; abstainer; excellent all-round experience; first-class references. 94/32, Office of this Paper.

LOCUM; qualified; good-class experience; abstainer; disengaged from July 19 to August 28. Bays, Gables Pharmacy, Weybridge.

LADY Dispenser to Doctor or Chemist; Hall qualification; good experience and testimonials. Nurse Smith, 91 Vassall Road, Brixton.

MINOR Student; seaside experience; 21; disengaged July 3 to August 21; Retail, Dispensing, Photography. Teare, 19 Pear Tree Road, Derby.

JUNIOR, good references, lately completed apprenticeship, desires berth in Dispensing business. T. Worters, Fife House, Tuddenham Road, Ipswich.

LOCUM desires engagements from July 1; unqualified; Counter, Photographio, Optical, and used to Dentistry. Crossland, Watergate, Pontefract.

JUNIOR; 20; competent and reliable; 4 years' sound experience; Dispensing and Photography; excellent references. Sharp, 4 Tyrrell Street, Leicester.

IMPROVER; 19; tall; 21 years' experience of English and Continental Dispensing, Photography; best references; seaside preferred. Please apply, 92/23, Office of this Paper.

IMMEDIATE; good practical man; 47; single; Locum or branch; 3 years' excellent reference; thorough general experience; abstainer; unqualified. "Operative," 19 Chapel Street, Uxbridge, W.

COMPETENT Assistant; 28; single; best experience; good Dispenser, smart Salesman, attractive Window-dresser; excellent references; at liberty. Nicholson, 63 Stephen's Road, Tunbridge Wells.

DISPENSER; young lady requires post; Hall qualification; 4 years' experience; excellent testimonials; disengaged July 6; live in or at home. "A. S.," "Ambleside," Carshalton Park Road, Carshalton.

ASSISTANT or Manager; unqualified; smart Counterman; first-class Store business; experienced all branches; at liberty any date; aged 26; height 5 ft. 7 in. "Rhei," c/o Thomson, Chemist, Tudor Road, Cardiff.

LIVERPOOL or Manchester.—Competent Assistant, 61 years' experience, desires engagement in modern Dispensing business in August; outdoors; facilities for evening classes. "Competent" (94/22), Office of this Paper.

ASSISTANT; 28; unqualified; good practical experience in Dispensing, Counter, Prescribing, and Cattle Medicines, and a little Photography; excellent references; disengaged July 12. Davidson, Westbourne Cottage, Priory Road, Bicester.

SWISS, qualified, speaking French, German, and Italian, with some English experience, seeks unpaid position to improve his English; good-class business in seaside resort; satisfactory references. W. Libnermann, 9 Kensington Gardens Square, London, W.

JUNIOR; good all-round experience; aged 23. "Velox," 34 Sydenham Road, S.E.

LOCUM.—Mr. Robinson has first 10 days in July open. C/o Mr. Cave, Chemist, Dovercourt.

ASSISTANT; 30; Mixed business; can manage; good references. 8 Mason Street, Edge Hill, Liverpool.

RELIEF duty; disengaged one day or half a day a week; good references. 98/14, Office of this Paper.

STOCKKEEPER, Counter-help, and assist generally; 5 years' experience. Stevens, Sackville Street, Reading.

LOCUM; first two weeks in July disengaged; qualified. "J. E. L.," 34 Wellington Street, Blackburn.

QUALIFIED Manager; middle-aged; Locum; permanency; July 26. "Storc," 10 Raby Street, Darlington.

MANAGER or Senior, with view to succession; 33; qualified; good experience. Apply, 97/11, Office of this Paper.

DISPENSER to Doctor; part-time, morning and afternoon; excellent references. Stovell, 4 Handforth Road, S.W.

QUALIFIED Locum; reliable, competent; exceptional experience; highly recommended. Jones, 14 Market Place, Faversham.

ASSISTANT or Branch; unqualified; 32; Agricultural, Dispensing, Prescribing. "Opus," 87 Grauge Street, Burton-on-Trent.

UNQUALIFIED Assistant or Manager; 33; married; permanency; 7 years previous berth. Address, "Rhei," 7 Warwick Road, Stratford, E.

LOCUM; unqualified; 23; open July 5—August 7; 8 years' good experience; excellent references. "Tinctura," 55 Bradshawgate, Leigh, Lancs.

MANAGER; permanency; 17 years' experience; qualified; married; best references. Fullst particulars first letter, 86/1, Office of this Paper.

ASSISTANT; outdoors; London preferred; aged 27; good Dispenser and Counter hand; unqualified. G. Dickin, The Pharmacy, Sheringham.

LOCUM or otherwise; tall; smart; energetic; single; young; good all-round experience. "Qualified," Pilkington, Chemist, Brooklands, Manchester.

MANAGER; qualified; London and provincial experience; 35; abstainer; tall; good address; highest references; permanency. 97/15, Office of this Paper.

PART-TIME; mornings or afternoons; unqualified; 23; experienced; Dispensing, Counter, Photographio; good references. 96/15, Office of this Paper.

24; reliable, competent, trustworthy; unqualified; in or near Edinburgh; time off for study; end of July. C/o Mrs. Blezard, Millan's Park, Ambleside.

LOCUM; qualified; disengaged middle of July; perfect references; 16 years' all-round experience. Kindly give full particulars first letter, 86/01, Office of this Paper.

FORSTER, 5 Coleridge Road, Finsbury Park, seeks engagement as Assistant or position of trust; exceptional varied experience, City and suburban; excellent references.

THOROUGHLY competent and experienced Assistant; Hall certificate; disengaged early next month; at present doing Locum. "Radix," 7 Molling Street, Lewes, Sussex.

MANAGER; Dentist or Chemist; Major qualification, registered Dentist; London or East Coast preferred; good Operator; take sole charge. "A." (95/24), Office of this Paper.

AUGUST Only.—Wanted, seaside berth; indoors; Lancashire or Yorkshire; Dispensing or Counter, knowledge of Photography; 21; unqualified; tall. Richard Beck, Limefield, Bury.

TOWN and country experience; seeks situation immediately; good Window-dresser and Counterman; excellent references; aged 23; unqualified. "Erasmic," 95 Waterloo Road, Aldershot.

NOTTINGHAM.—Dates open for Locum or permanency; Prescriber; excellent references; would travel; or Dispenser to Medical man. Address, "Gentiana," 29 Park Row, Nottingham.

UNQUALIFIED (29), late manager, all-round experience, seeks position; Assistant Chemist, Window-dresser, or Manager; Mixed Drug-store; abstainer; good address; best references; permanent berth preferred. Wolverson, c/o Mr. Hughes, Marton, Salop.

SITUATIONS WANTED (continued).

SOUTH COAST or near London preferred.—Locum or permanency; aged 27; 5 ft. 9 in.; experienced in good-class trade and Dispensing; disengaged. 98/38, Office of this Paper.

LOCUM; qualified; 29; thorough all-round experience; good references; abstainer; disengaged July 12-21, August 7 to September 4, September 20. "Reliable," 53 Victoria Road, Bridgwater.

MANAGER, unqualified, married, no family, in Country Mixed business; competent and reliable; London and provincial experience; excellent references. "Specs," 19 High Street, Mitcham.

QUALIFIED Chemist (28), married, seeks post as Branch Manager in healthy Midland town or London suburb; 13 years' experience; good Salesman; smart appearance; permanency; first-class references; at liberty middle July. 98/33, Office of this Paper.

WHOLESALE.

TRAVELLER; qualified Chemist, smart Salesman; London or Midlands; first-class record. 98/303, Office of this Paper.

MANUFACTURING hand; experienced; home or abroad; reference. Best, 3 Warner Street, New Kent Road, S.E.

AS Clerk; young man requires situation; smart, energetic; experienced; good references. 99/25, Office of this Paper.

TRAVELLER with good connection requires another well-paying commission on South Wales ground. 95/15, Office of this Paper.

GENTLEMAN (aged 27), smart appearance, desires situation as Traveller; thorough knowledge of the trade. 96/11, Office of this Paper.

TRAVELLER, good connection London, South, and West of England and South Wales, desires a change; excellent references. 95/1, Office of this Paper.

MAJOR man seeks position in good firm; well educated; references and experience satisfactory; interview in London at any time. Apply, 94/39, Office of this Paper.

YOUNG qualified Chemist desires berth as Demonstrator in Chemistry or similar position; Board of Education certificates and good references. 98/30, Office of this Paper.

TOILET Article and Packed Goods Specialist, practical Analytical and Manufacturing Chemist, all-round business experience, capable Manager, desires any position of trust. "Radix" (95/2), Office of this Paper.

GENTLEMAN with many years' practical knowledge of Druggists' Sundries, and having a Wholesale business in the City of London, is open to Represent a provincial or foreign house; good references. 95/1, Office of this Paper.

TRAVELLER, good connection Chemists, Grocers, desires to Represent good house; Toilet Soaps, Perfumery, or similar lines; North England, Scotland; 18 years' experience. "G. H. B.," 15 Gordon House Road, Gospel Oak, N.W.

TRAVELLER, with 16 years' really valuable connection in North half of England and Scotland, seeks either exclusive re-engagement or good Agencies on commission with part expenses. "Pioneer" (96/18), Office of this Paper.

MANUFACTURING Chemist with London experience desires engagement in Wholesale Druggists' Laboratory; thoroughly experienced in Drug Standardising and Analysis, with practical knowledge of the trade. 95/18, Office of this Paper.

YOUNG lady, with several years' experience in Perfumery business, desires engagement; bookkeeping, invoicing, and good writer; able to manage stands at exhibitions; can give excellent references. Apply, "F." (94/35), Office of this Paper.

GENTLEMAN (aged 26), tall, smart appearance, desires situation as Traveller; now in the employment of one of the largest and best-known firms of Wholesale Chemical Manufacturers in London; over 5 years in present position; could start immediately. "E. J." (96/32), Office of this Paper.

A YOUNG man, holder of a diploma, well up in Pharmacy and the Drug trade, Wholesale and Retail, Prescriptions, travelling correspondence, who is perfectly acquainted with the French, Dutch, and German languages, and has the best references, seeks situation. Address, L. Heunders, 15 Rue du Gazometre, Brussels, Belgium.

GENTLEMAN, 6 years' experience in the Wholesale trade in Germany and Belgium, speaking French and German perfectly and knowledge of English, well versed in all commercial matters, perfect knowledge of bookkeeping, shorthand, correspondence, etc., with highest references, seeks situation. Reply to "G. S.," 33 Freecroft Road, N.

TWENTY years' experience; advertiser has travelled all over England and Wales among Pharmacists, Retail Drug-stores, and local Wholesale Druggists, knows the Drug business thoroughly, and has had large experience in selling Drugs, Packed Goods, and Specialties, desires engagement as Representative of good house. 96/40, Office of this Paper.

REPRESENTATIVE, well known among Medical men (and Chemists) in London and surrounding districts, desires engagement with leading house; he is energetic and of good address, and thoroughly understanding the requirements of the profession, could influence business, the essentials being first-class Drugs, etc., and business terms. "Viator" (96/22), Office of this Paper.

MISCELLANEOUS.

MCADAM & TUCKNISS, Sharedealers, 30 Tranquil Vale, Blackheath, S.E. Telephone 81A Lee Green.

SHARES FOR SALE (free of commission, subject).—300 Allen & Hanburys "A" 6 per cent. Prefs. 24s. 10 $\frac{1}{2}$ d., 170 "B" 5 per cent. Prefs. 24s. 1 $\frac{1}{2}$ d.; 20 Evans Lescher Prefs., 102s.; 120 Idris "A" 6 per cent. Prefs., 7s. 9d.; 100 Ilford Ordinary, 13s. 3d.; 200 A. J. White Ordinary, 2s. 9d.; 20 Brunner Mond, £5 1s. 3d.

WANTED (subject).—50 Camwal Ordinary 1s., 100 Prefs. 6s. 9d., 5 Debentures £34.

List of shares for sale and wanted sent free on application. Bankers, London and County. Established 1898.

VERY FINE LOT OF CHEMIST'S FITTINGS.—As good as new; 10 ft. 6 in. wall-case, mirror centre and 4 drawers under, glass doors top and bottom, mirror recess, £12; 10-ft. mahogany and plate-glass serving-counter, £7 10s.; mahogany desk and case, 50s.; 12-ft. drug-fitting, complete, £9; very handsome mahogany dispensing-screen, mirror centre, glass cases on each side, mahogany and plate-glass counter under, £12 15s.; a great bargain for anyone wishing to open immediately. PHILIP JOSEPHS & SONS, LTD., 93 Old Street, London, E.C.

WE HAVE WHAT YOU REQUIRE, Drug Fittings, Counters, Wall-cases, Dispensing-screens, Perfume-cases, etc., in almost all sizes; second-hand; condition first-class; prices reasonable. Write for sketches and details giving approximate sizes, or call and inspect. RUDDUCK & CO., 262 OLD STREET, E.C.

TO APPRENTICES, JUNIORS, ETC.—If you wish to pass the Preliminary quickly and with little trouble, write to Mr. Charles Harker, who will coach you by post; thorough systematic teaching; numerous successes in 3 and 6 months; special attention given to those of neglected education; 85 per cent. recent successes; terms very moderate. Charles Harker, 239 Chapter Road, Criklewood, London, N.W.

PEARS' SOAP.

IN THE SHERIFF COURT OF RENFREW AND BUTE.

PEARS v. JACK & SON, PAISLEY.

NOTICE OF INTERDICT OR INJUNCTION.

IN an action instituted by A. & F. Pears, Ltd., of 71/5 New Oxford Street, London, W.C., against James Jack & Son, Licensed Grocers, of The Cross, Paisley, alleging that James Jack & Son had been in the habit, when asked for "Pears' Soap," of supplying to customers soap either of their own manufacture or of manufacturers other than of A. & F. Pears, Ltd. ("Pears' Soap"), and got up by them in the same manner as "Pears' Soap" was issued to the public, the Court interdicted James Jack & Son, their salesmen, and others acting on their authority, from selling or offering for sale to customers asking for "Pears' Soap" or "Pears' Unscented Soap" any soap other than that manufactured by A. & F. Pears, Ltd., without expressly stating that the same is not "Pears' Soap."

Costs were also awarded.

Dated June 8, 1909.



1/3

GUMMED PRICE TICKETS

Crimson ground, white figures. Stocked in all usual prices up to 21/-, each price banded separately in hundreds.

— The Midnet, 9d. per 1,000
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DUDLEY & CO., Ticket Writers & Printers, Holloway, London



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ARE YOU SATISFIED

with your business, profits, number of customers, &c.? Do your windows attract the attention they should? Would you like to increase the sale of your own specialities (Ordinary, Horticultural, Agricultural, Veterinary)? Send a post card to-night for a copy of Booklet "How to Increase Your Business," sent post free to Pharmacists only.

J. R. B. ALLISON, Pharmacist & Business Specialist, RETFORD.

I AM AWARE,

just as you are, that it is a tall thing to promise to INCREASE YOUR BUSINESS as regards net profit at least £50 per year and keep that increase up as a rule year by year. But if you received the letters and figures I receive, then you would probably talk taller still. I, however, like to DO MORE THAN I PROMISE, and often do it. Shake off that incredulity; send a postcard for latest Booklets, and testimonials galore from clients of 3½ years' standing.

BERNARD SLACK, Princes Chambers, WOLVERHAMPTON.

Exchange Column—Bargains.

FOR DISPOSAL.**APPARATUS.**

LABORATORY table for sale, 17 ft. by 3 ft., fitted with slate top, cupboards, drawers, etc.; nearly new. "SECRETARY," 4 Euston Buildings, London, N.W.
ON sale, 2 Riley's filling and screwing machines and 2 corking machines for mineral-water manufacturers; almost new. Apply, EXECUTORS, S. CUBBY, Wigan.

BOOKS AND PERIODICALS.

OFFERS *C. & D. Diaries*, 1888 to 1905, minus 1901, 1903. BROADBENT, Chemist, Bradford.
GODDARD'S Book, clean, unused, 2s. 9d.; Squire's "London Hospitals' Pharmacopoeias," 1s. 9d.; Gray's "Supplement," 1s. 6d.; Mayhew's "Illustrated Horse Doctor," clean, 3s. 6d., pub. 12s. HALL, 189 Barkerend Road, Bradford.
BOOKS.—Blyth's "Foods: Composition and Analysis," 8s.; Roscoe and Schorlemmer's "Chemistry," vol. i. and vol. ii., parts, 19s.; Schorlemmer's "Chemistry of Carbon Compounds," 7s.; Fresenius' "Qualitative" 3s., "Quantitative" 5s.; and many others. Address, CAMMACK, 34 Wolsley Road, St. Helens, Lancashire.

DENTAL.

DENTAL show-case with specimens; also dental engine. Particulars, FREW, Pharmacist, Dingwall.
DENTAL chair, lathe, and show-case specimens; cheap. "DENTAL," 34 Trinity Street, Boston.

DRUGS AND CHEMICALS.

2 CWT. creta precip., 6 oz. iodoform, 4 lb. ol. lemon super. Offers, 98/15, Office of this Paper.
1 OZ. each chloretone, salophen, salocoll, tetronal, tannalbin, helmitol, hydrastin, papaine, phenalgin; 2 oz. each vanilla, urethane, ammonol; best offer. STEAD, Chemist, 411 Edgware Road, W.
WHAT offers for 4 oz. pot. iodi, 4 oz. iodum resub., 2 oz. argent nit. sticks, 4 oz. bis. subnit., 1½ lb. tr. arnic. mont., 4 oz. iodoform, 5 oz. collodion meth., 1 lb. chloral hydrat., 2 lb. hyd. perchlor., ½ lb. acid. tannic., 2 lb. ziuci sulph. pur., 1 lb. glyco heroin (Smith), 4 oz. iodine vasogen? SEEDHOUSE, Chemist, Newmarket.

FORMULÆ.

BOOT-POLISHES, black, brown; formula for sale. FRANCE, 42 Vartry Road, London.
VETERINARY medicines—Scour, hoose, redwater, ringworm, etc.; 12 in all; 6s.; special offer. DODDS, Crumlin, Antrim.

OPTICAL AND PHOTOGRAPHIC.

FOLDING Kodak, No. 3, new, unused, with instruction-book; 45s. KEMP, Chemist, Horncastle.
DOZEN 13s. 6d. "Brownie" outfits, quite new; 8s. 6d.; three "Tica," 5s. SMITHS, Chemists, Salford.
FRENA camera, ½, with Beck lens; list price £8 9s.; sell £3 3s. BOWLING, Chemist, Pembroke Dock.
5 BY 4 cartridge Kodak, Aldis anastigmat F6, Unicum shutter, plate attachment, 3 double slides, in case; perfect condition; cost over £10; what offers? DENN, 98 High Street, Deal.
NITSCHKE & GUNTER trial-case, rolled top, complete; cost £12; only used once. Offers, OWENS, 126 Oldham Road, Manchester.
WHOLE-PLATE tourist camera, morocco bellows, turn-table, 1 double slide, Wray's R.R. lens, in case, 2-fold tripod; all in good condition; price £4. "BRUNO," 141 St. James's Street, Burnley.

PROPRIETARY ARTICLES.

SOZODONT tooth-powder; 2 doz.; 3s. per doz. CLARKE, Chemist, Surbiton.
OVERSTOCKED.—1 dozen lots Keene's corn-cure; 1 dozen Keene's ointment; 5s. dozen carr. paid. FLETCHER, Chemist, Eckington, near Sheffield.
2½ DOZ. 1s. Glossana gold enamel, 7s. doz.; 2½ doz. 1s. Glazcit, 7s. doz.; 5/12 doz. 1s. 3d. Glaxo food, 10s. 6d. doz.; 2½ doz. 1s. 6d. Droit. bath salts, 10s. 6d. doz.; 5/12 doz. 2s. 3d. Glaxo food, 20s. 6d. doz.; 1½ doz. 6d. Plantol soap, 4s. 10d. doz.; 1½ doz. 4d. Plantol soap, 3s. 4d. doz. PRINCE, 22 Musters Road, West Bridgford.

SHARES.

SHARES for Sale. See page 88.

SHOP FITTINGS.

FOUR 8-gal. carboys on mahogany roller-stands, cut stoppers; 8s. each, or offer. RAMSDEN, Chemist, Gillingham.

MISCELLANEOUS.

AIR-BED (full size) and bellows; slightly soiled; 20s. PRICE, Chemist, Lewisham.
STRONG oil-tank; 50 to 60 gals., 50 in. high, 23 diameter; sound, clean; 12s. 6d. KEMP, Chemist, Horncastle.
SMALL soda-fountain for sale, complete; good condition; 2 syrup taps; cheap. Apply, MATTHAIS, Chemist, 12 Cullum Street, E.C.
FOR sale.—Veterinary surgeon's medicine-chest, fitted with a number of stoppered bottles, jars, etc., containing laudanum, tr. benz. co., etc.; this is a grand case, fitted by Savory & Moore for the late Sir John Blundell Maple, Bart. Offers or inquiries, SEEDHOUSE, Newmarket.
THREE Marvel whirling sprays, 9s. each; Statham's porous elastic bandage, 10½ ft. by 3 in., 4s. 6d.; best quality drab cotton elastic knee stocking, No. 7, right leg, 4s.; 7 7½d. Victor's ointment, 3s.; "The Chemist and Druggist" for 1888 and 1890, bound, 4 vols., what offers? "SUNDRIES," 14 Longmead Road, Tooting.

WANTED.

GOOD skull; approval essential. 97/31, Office of this Paper.
SECOND-HAND syphons in good condition wanted. PHILLIPS, Pharmacist, Tadworth.
MIRRORED enclosure; plate-glass shelves. Dimensions and price, "J," 3 Manning Avenue, Wigan.
DENTAL engine, chair, trays, stopping and scaling instruments. "DENTIST," Hillside, Hawkhurst.
OPTICAL test case with trial frame. State particulars, with price, TOTTLE, Chemist, Liscard, Cheshire.
COUNTER show-cases; also floor-case. Please give measurements and lowest price, RANDALL, Wareham.
TO Manufacturers and others.—Pollard's Stores (Lim.), 51 Cauldwell Street, Bedford, are open for window-displays.
SHOW-PIECES for dental showcase; good condition and smart; approval. FERG, White Hart Street, High Wycombe.
MINOR, Major, Chemists' books.—Send prepaid for valuation; cash offers per return. GOWER, Bookseller, Waterloo, Liverpool.
COMPLETE shop-fittings; shop-rounds, carboys, scales, etc.; cheap and modern. WILSON, Oaklands, Albert Road, Stechford, Birmingham.
OPTICAL portable trial-case; must have cylinders, etc. Give particulars and state lowest price, E. WYATT, 64 High Street, Grantham.
SECOND-HAND 2-flask vulcaniser and dental engine required; also cheap chair and dental sundries. Write, stating lowest price, "W. E.," 30 Finsbury Pavement, London, E.C.

Summer Outings.

A Filey Trip.

THE ANNUAL OUTING of the Scarborough Association of Pharmacists took place on June 16. Only a few members were able to participate, but the excursion proved thoroughly enjoyable. The little party travelled by train to Filey, and the greater portion of the time was spent on the cliffs and the brigg. Tea was provided at Semadini's Café.

A Wayzgoose.

THE employes of Messrs. Harrison & Waide, printers, Leeds, had their annual outing to Scarborough on June 19. Arriving at 9.30 the party spent the day according to their inclinations, meeting at the Tower Café at 4.30 for tea. Mr. J. W. Wormall (manager) presided at the tables, and congratulated the excursion committee upon the way the arrangements had been carried out. Mr. J. Carding replied on behalf of the committee. On the return journey Leeds was reached at about eleven o'clock, everyone being pleased with the day's outing.

From the Palace of Pharmacy.

THE laboratory staff of Messrs. Burgoyne, Burbidges & Co., wholesale druggists, had their annual excursion on June 19. Starting in brakes from the East Ham Works ("Palace of Pharmacy" says the programme), the party crossed the Woolwich Ferry, and by way of Shooter's Hill reached Chislehurst, where dinner was partaken. Mr. C. W. White, F.R.G.S., presided at the dinner and at the smoking concert, which was a feature of the day's proceedings. The stewards were Messrs. A. Shaw, B. Riley, A. Coles, and A. McMillan, and the accompanist Mr. W. Pook. The party arrived home shortly before midnight.

Blackburn to Chatburn.

THE ANNUAL OUTING of members of the North-East Lancashire Association took place on June 17. Ideal weather prevailed, and a party of thirty-one members and friends took train for Chatburn. Those present included Mr. W. Holt (President) and Mrs. Holt, Dr. and Mrs. Cunliffe, Mr. and Mrs. R. L. Gifford, Mr. C. A. Critchley, Mr. and Mrs. W. Pickup, Mr. R. Pickup and Miss Pickup, Mr. and Mrs. E. Highton, Mr. Tomlinson (Secretary) and Mrs. Tomlinson, and Mr. and Mrs. Aspinall. On arrival at Chatburn the party proceeded by waggonette to Bolton-by-Bowland, where the extensive grounds of Squire Wright were inspected. After tea at the Coach and Horses Hotel, and a stroll round the village, including an inspection of the fine church, the company entrained and arrived home before ten o'clock.

Hull to Scarborough.

A PICNIC in connection with the Hull Pharmacists' Association took place on June 17, when Scarborough was visited. The party, numbering thirty-two, which gathered at the Paragon Station, included Mr. J. F. Robson (President) and Mrs. Robson, Mr. Kenny (Treasurer), Mr. Stanning (Secretary), J. Richardson, Walton Jones, Chapman, Tebb, Snowden, Robinson, Smith, Newton and Selle, and many ladies. Mr. Fields joined the party at Beverley. On reaching Scarborough brakes were in readiness for a drive through the well-known Forge Valley to Hackness. Tea was served at the Everley Hotel, and Mr. Robson, the President, thanked Mr. Stanning, the Secretary, for the excellence of his arrangements for the outing. A ramble in the woods followed. At 7.15 a start was made for Scarborough, the return journey being made by way of Scalby Mill. Hull was reached a little before twelve o'clock.

Bath to Chepstow.

THE ANNUAL SUMMER EXCURSION of the Bath Pharmaceutical Association took place on June 17 in perfect weather, when a large party of members and their friends journeyed to Chepstow, a saloon carriage being attached to the 9 A.M. train from Bath. On arriving at Chepstow the party proceeded to inspect the Castle, Church, and other places of interest, afterwards assembling at the Beaufort Arms

Hotel for luncheon, an excellent repast being served. The President, Mr. E. W. Loveless, was in the chair, and, after the loyal toasts, the health of the visitors was proposed, Dr. Monro replying in a humorous speech. After luncheon the party was driven to the Wynd Cliffe, over which the excursion was continued on foot. The climb to the top, and the steep descent to the Moss Cottage being accomplished in safety, the brakes finished the journey to Tintern. The Abbey was visited, and after tea and pleasant drive back to Chepstow and train to Bath, brought to a close a very successful and enjoyable day's outing.

Garden-party.

THE ANNUAL SPORTS of the Wellcome Club and Institute were held in the grounds at Dartford on Saturday, June 19, in the presence of a large gathering of members and friends, a garden-party being simultaneously held. Mr. and Mrs. Henry S. Wellcome were present, along with their son Mounteney, and among the guests were Dr. F. B. Power and Professor William Dudley, of Vanderbilt University. Selections of music were given during the afternoon by the Dartford Silver Band. A particularly interesting feature of the proceedings was the distribution by Mr. Wellcome of replicas of the gold medal presented to Mr. R. Clay Sudlow on his retirement from the general managership of the firm of Burroughs Wellcome & Co. Each member of the staff at the time of Mr. Sudlow's retirement who is still in the firm's employment received one of these medals, those for



managers and heads of departments and sections being in gold, and for the remainder of the staff and employes bronze. Before distributing the medals Mr. Wellcome referred to the magnificent service rendered to the firm by Mr. Sudlow, and expressed the hope that the portrait on the medal would be a constant reminder to all of the man to whom the firm was so much indebted. After the medals had been distributed, Dr. H. A. D. Jowett, works manager, proposed a hearty vote of thanks to Mr. Wellcome, which was carried with prolonged cheering. After tea (which was served in the Orchard Garden) there was an exhibition of diving, followed by aquatic sports and a water-polo match. Mrs. Wellcome distributed the prizes. During the evening an open-air concert was given by members of the Club, and an exceedingly enjoyable day was brought to a close by dancing on the lawn.

A Joint Excursion to Peebles.

THE annual joint excursion of the Edinburgh District Chemists' Association and the Glasgow and West of Scotland Chemists' Association took place on June 23 to Peebles. The Glasgow contingent left Queen Street Station, Glasgow, at a quarter to nine, and travelled to Waverley Station, Edinburgh, where they were joined by the members of the Edinburgh Association. The journey was continued to Peebles, which was reached about half-past ten. The headquarters for the day were at Peebles Hydropathic. Happily the weather was better than anyone could have anticipated the night before or even in the early morning. As the forenoon wore on, the conditions seemed to improve, and but for a brief shower at a late period of the day the weather was all that could be desired. Luncheon was served at the Hydropathic at half-past twelve, Mr. R. L. Hendry (Vice-President of the Edinburgh Association) in the chair, and shortly after one the party, numbering between sixty and seventy ladies and gentlemen, set out for a drive in brakes. Crossing to the southern bank of the classic Tweed, the way was taken through the policies of Kailzie House. The

party had a view of the historic old house of Traquair, the Tullyveolan of Sir Walter Scott's "Waverley," and then they passed into the grounds of The Glen, which was for long the property of the late Sir Charles Tennant, and where Mr. W. E. Gladstone frequently stayed as a guest. The party was conducted through the policies, the gardens, greenhouses, and vinery, and various objects of interest and fine views of surrounding scenery were pointed out. The homeward journey was taken by the north side of the Tweed, and on the way Innerleithen and St. Ronan's Well were passed. On arriving again at the Hydropathic tea was served, and, there being still some time to spare, it was spent in viewing the historic scenes of the old Scottish burgh, while some walked by the banks of the Tweed as far as Neidpath Castle. The train left Peebles for Edinburgh at twenty minutes to eight, and arrived there in good time to enable the Glasgow members to take the 9.15 from Waverley for home. On the way, on the motion of Mr. W. J. Sutherland (President of the Glasgow Association) a hearty vote of thanks was given to Mr. G. H. C. Rowland (Hon. Secretary) and the Edinburgh committee for the excellent arrangements for the day, which was acknowledged by Mr. R. L. Hendry.

Allenburys en Fete.

THE ANNUAL ATHLETIC MEETING of the London and Ware employes of Messrs. Allen & Hanburys, Ltd., took place at the "King's Oak" Ground, High Beech, Loughton, on June 19. The outing was favoured with ideal weather conditions, both for competitors and spectators, while the secluded ground looked its best. Mr. Reginald J. Hanbury M.R.C.S., officiated as referee, and the judges were Messrs. F. Capel Hanbury, J. Ruffle, T. G. Rayner, E. Wessendorff, G. Bulley, J. Young, and H. Lewis. Mr. A. Byron acted as starter, and the handicapping by Messrs. A. Byron, H. Agar, and J. Wells resulted in good races. In the friendly contest between the two sections the Ware contingent, with seven first prizes, five seconds, and seven thirds, had slightly the advantage over the London section, who scored six firsts, seven seconds, and three thirds. A start was made at 12.30 P.M., and the prize-winners were as follows:

100 Yards Handicap.—W. J. Stokes, 4 yds. (1), A. Dutfeld, 5 yds. (2), H. Winter, 5 yds. (3). Won by a yard.

100 Yards Egg-and-Spoon Race (Ladies).—G. Gates (1), A. Rice (2), F. Bixley (3).

880 Yards Handicap.—H. Winter (1), A. Dutfeld (2), E. Hatherall (3). A good race.

240 Yards Three-legged Race.—F. Scott and J. Goldstone (1), B. Hazel and A. Bartram (2), F. Crane and J. Brazier (3). The winners ran exceedingly well.

100 Yards Skipping Race (Ladies).—H. Luff (1), F. Jones (2), C. Bentley (3).

100 Yards Level Race (Ladies).—A. Jones (1), M. Bradford (2), L. Munt (3).

1 Mile Level Race—Championship.—E. Newton (1), W. Dell (2), J. Goldstone (3). Winner led all the way and won a fast race.

120 Yards Sack Race.—T. Aldridge (1), E. Newton (2), A. Roberts (3). Winner went steadily and won easily.

1 Mile Cycle Handicap.—B. Walters (1), H. R. Forster (2), H. Horslem (3).

1 Lap Walking Race (Ladies).—M. Bradford (1), A. Harra-dence (2).

1 Lap Comic Dressing Race.—W. J. Adams (1), J. Brazier (2), J. Goldstone (3).

1 Lap Slow Cycle Race.—W. Stanton (1), W. A. Pryke (2).

Tug-of-War.—The Ware team beat the London team by two pulls to none.

An adjournment was made for luncheon at 2 P.M., and during the afternoon a band discoursed music. The handsome prizes were presented by Mr. Reginald J. Hanbury. Tea was then served, a happy company of about 500 persons partaking of the firm's hospitality. Mr. F. Lucioni, who was responsible for the arrangements, appeared in humorous costume on an ancient bicycle in the slow cycle-race, and made a collection in connection with the Woodford Meet, held on the same date, to benefit local hospitals.

CORSICAN ARSENIC.—During 1908, 302 tons of realgar (red sulphide of arsenic) was shipped from a new mine in Bastia, Corsica, to the United Kingdom and Belgium. The mispickel mine of Lozari (British owned) is now producing copper and arsenical ores fairly rich in silver, but only sample parcels were shipped in 1908. Shipments are now likely to be of some importance.

Cornish Arsenic.

Mr. Henry Davis, of Corporation Chambers, Guildhall, London, E.C., has acquired the right to work the arsenic-mines on the banks of the Tamar at Calstock, Cornwall, known as the Dancscombe and Kelly Mines and Rumleigh Arsenic-works. The mines, which were abandoned owing to the unremunerative price of arsenic, will be under the direction of Mr. Carter, who was associated with the works when they were in the hands of a private owner, and later of a company. The works cover about fifteen acres, and consist of chambers, refining-furnaces, stacks, and wharf. It is anticipated that with the present resources it will be possible to ship from 50 to 100 tons of refined arsenic every month. We presume Mr. Davis has taken into account the extremely low price and the limited demand for arsenic. It may be remembered that last year the price of English white powdered declined from 24*l.* to 14*l.* per ton, and it is now obtainable at 13*l.* and less at the mines. This is due to a decided increase in the production in Cornwall and Devon, the output in 1908 amounting to 1,919 tons, as compared with 1,473 tons in 1907. In Devon operations were on a considerable scale, the arsenic being derived from the calcination of ores from recently reopened mines. In the South and South-West of England there are thirty works producing white arsenic, and in other parts of the country (Cheshire, North Wales, and Lancashire) there are fifteen works, in which arsenious acid is recovered by wet processes in the purification of sulphuric acid made from arsenical pyrites.

Protection for Chemicals.

THE "Daily Express," a London paper which has been making an independent inquiry on what would happen if 10-per-cent. duty was placed on manufactured goods imported into the United Kingdom, has reached the chemical and photographic industries, and the following is the result:

Two hundred and sixteen forms were sent out by the "Express" to firms in the chemical and photographic industries, containing the following questions:

(a) If the Government by an Order in Council imposed an *ad valorem* duty of 10 per cent. on imported manufactured goods and parts in your line of manufacture, do you think your trade would be increased thereby?

(b) How many extra hands do you estimate you would be enabled to employ?

(c) What would you estimate your weekly wage bill would be increased by?

Eighty-one of the forms were returned, the replies showing:

Favourable	...	...	...	...	...	38
Evasive	...	...	...	...	...	19
Unfavourable	...	...	...	...	...	24
Total	...	...	...	...	...	81

Fifteen of the firms gave definite estimates of the extra number they could employ and the increased wages they could pay with a 10-per-cent. duty, the totals being 420 extra hands and 666*l.* extra weekly wages.

Taking this as the basis for 800 firms in the industries, the "Express" estimates that 10-per-cent. import duty would give employment to 4,032 more hands, to whom 6,336*l.* would be paid in wages weekly. Among the firms quoted by the "Express" are Messrs. Kembell, Bishop & Co., Ltd., Bromley, E., who say:

This business (tartaric and citric acid making) provides an unanswerable argument for Tariff Reform, inasmuch as one of our greatest competitors lives in a country where he is protected by a big duty. He has openly threatened to close up the English works by dumping acid at cost price and then to repay himself when the English makers are extinct. At present two tartaric and four citric acid makers remain. Our trade would undoubtedly increase, probably double itself—certainly 50 per cent., with a 10-per-cent. duty.

Other chemical manufacturers quoted by the "Express" are Messrs. "Holliday, Read & Sons, Ltd.," H. D. Pochin & Co., Ltd., Arthur H. Cox & Co., and Oppenheimer, Son & Co., Ltd. Messrs. Cox "believe a duty would increase their trade and enable them to employ at least twelve extra hands and pay 18*l.* more weekly in wages," while Messrs. Oppenheimer say "an *ad valorem* duty would add to our costs without increasing our trade. It would give the Germans and the Americans a better chance of competition." Our contemporary's article is interesting, but it is scarcely

necessary to point out that the evidence is fragmentary and many of the statements incorrect. The conclusions, in consequence, are of little value. We may add that of the total imports in 1908—namely, 593,140,723*l.*—manufactures amounted to 143,124,035*l.*, including 10,199,567*l.* of chemicals, drugs, dyes, and colours, about nine millions of which represented manufactured products.

American Notes.

(From the "C. & D." Correspondent.)

A STAGE VIEW.—The retail druggists of America have been punished severely during the last few years for the sins of a few of them in selling liquor and narcotics illegitimately. Now a play has been staged in Chicago which further pillories the unfortunate druggist. One of the leading characters is a chemist, whose chief profit comes from furnishing cocaine to *habitués*, and who, when pursued by the authorities, wards off prosecution by indulging in the gentle game of "graft." The play has attracted a great deal of attention.

CITRAL IS NOT LEMON.—The Federal Government successfully prosecuted a manufacturer the other day for selling an extract of lemon containing no oil of lemon whatsoever, but which was made entirely from citral. This was considered to be a case of clear misbranding under the Food and Drugs Act. Out in North Dakota the Food and Drug Commissioner has ruled that "compounded" and "imitation" whiskies may not be sold under any conditions, which is a more severe restriction than that imposed by the Federal Government, which only requires that such products be honestly labelled.

ACETANILIDE DERIVATIVES.—Is phenacetin (or acetphenetidine) a "derivative" of acetanilide? This moot point has been the subject of keen discussion ever since the enactment of the Federal Food and Drugs Act three years ago. If it is a derivative, its presence in any proprietary medicine must be stated on the label. Hence the keen desire on the part of certain manufacturers to have the Government declare that it is not a derivative of acetanilide. The Roosevelt administration decided against the manufacturers, but the latter are now seeking to have the subject reconsidered by President Taft and his advisers.

U.S.P. CONVENTION.—The call issued some time ago for the next decennial Pharmacopœial Convention has already been referred to in *THE CHEMIST AND DRUGGIST*. The various State medical and pharmaceutical associations are each permitted three delegates, and these are now being selected from week to week as the societies meet in annual convention. The Pharmacopœial Convention will be held next May in Washington, D.C., but the Committee of Revision there to be appointed will probably occupy three or four years in getting out the ninth revision of the U.S.P. There is much discussion regarding the particular form which the next book will take, as to what articles shall be included in it, how far the principle of standardisation shall be applied, and whether subsequent revisions shall be made every five instead of every ten years.

SHIPPING HYDROGEN PEROXIDE.—It has been found that hydrogen peroxide, which ordinarily undergoes very rapid deterioration from the moment of its manufacture, can be preserved with acetanilide. In accordance with the Federal Food and Drugs Act, however, the quantity of acetanilide must be stated on the label. The other day a large firm of wholesale druggists in New York City was stopped from shipping out of the State a consignment of hydrogen peroxide which bore no statement on the package of the presence of acetanilide.

VARIATION CLAUSE.—The new Food and Drugs Act of the State of Pennsylvania contains the much-discussed "variation clause" of the Federal law, permitting pharmacopœial articles to differ from the standards of the U.S.P. providing the fact is clearly stated on the label.

Some Pennsylvania druggists argued that this clause negated the value of the Act, but it was shown quite clearly in the debate that unless manufacturers are enabled to improve upon pharmacopœial processes, no progress can be made except at ten-year intervals, when a new Pharmacopœia is published. This point has been threshed out in practically every State where the Federal Act has been duplicated by a local law. In some instances the question has been decided one way, and in others a reverse decision has been made.

A.P.A. MEETING.—Plans are slowly maturing for the cross-continent trip to the Los Angeles meeting of the American Pharmaceutical Association. It is now expected that the several delegations from the East will meet respectively in Chicago and St. Louis, join in Kansas City, and proceed thence by special train through one of the most interesting sections of the country. A stop of a full day will be made at the Grand Cañon in Arizona, one of the great geological wonders of the United States. Stops will also be made at other points, and in two or three instances the members will be entertained by the local druggists. The occasion bids fair to be a great holiday for the members of the Association, when it is remembered that the full trip from New York to the Pacific Coast is something like 3,000 miles. Five or six days will be consumed in going one way, and in returning the members will split up into small parties and take their time in visiting other points of interest to them.

BANKRUPTCY PROCEEDINGS.—*Re* Frank Heward Gordelier, 4 Napier Road, Kensington, and formerly of 245 Christchurch Road (otherwise known as 2 Parkwood Road), Boscombe, Bournemouth, chemist and druggist. An application for an order of discharge was made on Thursday, June 24, to Mr. Registrar Hope at the London Bankruptcy Court on behalf of this bankrupt, who failed in March 1908. Mr. G. W. Chapman, Official Receiver, reported that the estate had realised 65*l.*, and a first and final dividend of 2*s.* 7*d.* in the pound was declared on proofs of debts amounting to 230*l.* 10*s.*, of which 218*l.* 18*s.* 9*d.* was due to the bankrupt's wife, who was the petitioning creditor. The applicant began business as a chemist and druggist in 1883, and traded for ten years successively at Sidecup, Nugent Terrace, N.W., and Dennington Parade, West End Lane. In November 1893 he opened a shop at 2 Parkwood Road, Boscombe, at a cost of 200*l.*, and continued the business there until the end of 1905, when he sold it for 500*l.*, payable as to 200*l.* in cash and as to the balance by monthly instalments of 10*l.* Since the sale he had been without any fixed occupation, except for a short time when he was employed as a chemist's assistant at 2*l.* a week. The failure was attributed to loss on the business at Boscombe, to money lost in connection with a touring theatrical company, of which the bankrupt acted as manager for his wife, and to heavy expenses in consequence of his wife's illness. On the ground of insufficiency of assets to pay 10*s.* in the pound to the creditors, the discharge was suspended for two years. Order entered accordingly.

JAMES BOULTON & Co., LTD., chemical-manufacturers, Stratford, E.—A meeting of the creditors was held at the Hall of the Institute of Chartered Accountants, Moorgate Street, E.C., on June 23, for the purpose of considering the appointment of the voluntary liquidator nominated by the shareholders and of confirming or otherwise the said appointment. Mr. Basil E. Mayhew, C.A., the liquidator, was in the chair, and explained the position. He had prepared a statement of accounts and now submitted it. The company was formed about 1891, with a nominal capital of 8,000*l.*, Mr. James Boulton being the first managing director. From 1903 to 1909 there was no proper balance-sheet, although in 1904 trading accounts were made out, which showed a loss. On May 28 last a profit-and-loss account and balance-sheet were made out, which showed a large deficiency. The largest creditors, Messrs. Van der Berghs, declined to give any further credit, and the company at once went into voluntary liquidation, and he (Mr. Mayhew) was appointed liquidator. In answer to questions, Mr. Mayhew said the deficiency was principally due to the purchase by the company of the business of Renson & Co. The position of the company as at June 7 showed that the unsecured creditors' claims amounted to 13,721*l.* 3*s.* 11*d.*, which included Van der Berghs' claim of 9,000*l.* The net assets were 3,006*l.*, the deficiency as regards the creditors, being 10,000*l.* Mr. Styler (representing Van der Berghs, Ltd.) proposed a resolution confirming the appointment of Mr. B. E. Mayhew as liquidator. This was seconded and carried unanimously.

Colonial and Foreign News.

MESSRS. PRICHARDS & Co., of Penang, who are not licensed druggists under the Deleterious Drugs Ordinance, were last month summoned for (1) being in possession of a deleterious drug—to wit, chlorodyne—and (2) administering the same to others. They were fined \$10 on each count, with costs, and twenty bottles of the drug found on the premises were ordered to be confiscated.

A PHARMACEUTICAL MEETING.—A large meeting of pharmaceutical writers, pharmacists, and drug-merchants was held in Yokohama on April 15, attended by over 200 persons. Among other Japanese and foreign speakers, Professor Shimoyama suggested a union of pharmaceutical circles. Professor Tamba and Dr. Ikeguchi also made excellent speeches.

BELGIAN PHARMACOPŒIA.—By Royal Decree a permanent Commission has been appointed charged with the editing of Supplements and the issue of a new Pharmacopœia. The Commission consists of nine members, who are elected for three years, and at the end of that time may be re-elected, but the length of service may not exceed twelve years. Five of the members of the Commission are pharmacists.

EXPLOSION AT A CHINESE MATCH-FACTORY.—A serious explosion occurred on May 17 at the Chiang Sung match-factory, Shanghai, which resulted in the death of fourteen and the injury of between twenty and thirty employés. It is presumed that the explosion arose through the careless handling or using of the various chemicals. The factory, which had been in operation for seven months, started with a capital of 100,000 taels, and turned out forty to fifty cases of safety matches a day.

INDIAN OPIUM.—In nearly all the opium-producing districts of the United Provinces, says the "Indian Agriculturist," the weighing of opium is over. Consignments are being continually sent down to the Ghazipur opium-factory for manufacture. This year the weighing took an unusually short time, the crop being very bad. The yield, it is feared, has been only about 50 per cent. of the estimated output, but a very high quality of opium has been produced.

THE MORPHIA-HABIT.—Mr. Warren D. Barnes, Secretary for Chinese Affairs in the Straits Settlements, in the course of his report for 1908 among other things states "that in the last four years seventy-one persons have been banished as professional morphia-injectors. It is to be feared that despite frequent prosecutions and severe sentences the morphia-habit is steadily growing, indulgence in it affording a much cheaper and speedier gratification than does opium-smoking."

NEW CHEMICAL-WORKS FOR SICILY.—H.M. Consul at Palermo reports the formation at Milan of a company for the manufacture at Messina of sulphuric acid from sulphur, and of citric and tartaric acids, cream of tartar, and other chemical products. The company, the name of which is to be "Fabbrica Chimica Italiana Goldenberg," is to have a capital of 40,000*l.*, which may be increased to 80,000*l.* Works are to be erected very shortly. The Consul adds that a German chemical company, which is interested in the scheme, is already a maker of citric acid.

PERFUME-TAX.—Innumerable petitions, resolutions of meetings, and memorials are being addressed to the German Reichstag and the Federal Council against the proposed perfumery-tax. The President of the German Apothecaries' Association has addressed a protest to the Reichstag, and a mass meeting was held in Berlin on June 16. The German Druggists' Association, the Berlin Druggists' Guild, various hairdressers' and barbers' associations, and the Association of German Soapmakers were represented at the meeting. The President of the Druggists' Association Stadtrat Finster-Görlitz, Dr. Weber, Parliamentary deputy and Kommerzienrat Liggauer spoke against the proposed tax. The acceptance of the perfumery-tax would, it was stated, entail an accessory tax on warehouses and depots, which would constitute an unbearable burden.

The Pharmacienne in Fiction.

MADemoiselle MARCELLE BABIN is a lady graduate of the Paris Superior (not "inferior" as we unwittingly put it last week) School of Pharmacy, who for some time studied in the laboratory of Professor Béal with a view to taking the degree of Doctor of Pharmacy. She is also an authoress of some talent; her "Princesses of Science" recently received favourable notice. Less familiar to the general reader is one of her previous works, "Pharmacienne," which is notable as being the first history of a lady pharmacist written by one of the profession. The following is an outline of the story: Danielle Dormeuil (the heroine) and her brother, François, have lost their father in a railway accident. Danielle resolves to qualify as a doctor, but a *piqûre anatomique* received during dissection decides her to abandon the medical profession for pharmacy. "Every second day, clad in her long linen blouse, she prepared, side by side with her comrades, chemical preparations and performed analyses"; then, "when lecture-hour drew near, she left the laboratory for the amphitheatre. . . . When she entered the students, already seated and taking notes of the class summary on the black-board, greeted her by the imitation of the sound of kisses, mewling, and bleating. . . . It was the custom, and she took no notice, wishing one and the other 'Good-day,' or shaking a friendly hand, or exchanging a phrase. . . . She took her place in the front row, amid her intimate friends. . . . Little by little the amphitheatre filled, the intense tumult spread"—conversation, chaff, chants, savage cries, shouts, and applause. "The usher entered, followed by the professor in evening dress, then came the preparator. The master saluted the audience, 'Ladies and gentlemen,' the bravos died gradually away, and the lecture commenced." It was hardly finished when the students prepared to leave, "one closing his spring ink-stand, another letting his note-book fall, a third his satchel. The idea was to leave, to bolt hastily; not to go out and be free, but to rush to another amphitheatre, where a lecture on another subject was to be given. So, hardly had the master pronounced his last word when a general hubbub, an indescribable *saute-qui-peut*, followed. Danielle arrived at the other lecture-theatre out of breath. . . . The professor had already begun, but the listeners, fatigued with the previous lesson, were less attentive," and amused themselves by exchanging *sotto voce* criticisms on the professor's appearance and delivery.

After the lecture "the groups crossed the Luxembourg Gardens" towards the Latin Quarter, "discussing syntheses and formulæ." Each "listened or consulted his neighbour as to how to search for such-and-such a metal in analysis."

"I made a mess of mine," said one; "what did you have?"
"Cadmium."
"Oh, that's easy! I had ammonium."
"Oh! child's play—use Nessler's reagent."
"I had a chloride."
"Ah! acids—they are a nuisance. I had a formate."

The description of the Sunday botanising excursion and of the *Internat* examination are in the same amusing vein. Danielle passes the latter, and is appointed to a hospital, but in the surgery service, where the work is practically *nil*. She ventures, however, to visit the "Salle de Garde," where she plays a music-hall tune on the piano to ingratiate herself with her comrades, while the *internes*, who were just taking their post-prandial coffee, "waltz around with cups and decanters." After this, "they went to the pharmacy for pomade-pots, which they filled with the elixir dear to students, the divine rum, and drank to Danielle's health. One of them, for a joke, dropped a drug in his comrade's liqueur—but the small quantity of aloes never yet did any real harm."

In due time Danielle qualifies. She does not, however, venture to open a pharmacy at Paris, but sets up in business in the little town of Domfront, where the "Twentieth Century Pharmacy" bears on its frontage the inscription, "Analyses, Bacteriologie; Mademoiselle Danielle Dormeuil, Doctor in Pharmacy, Chemist." The novelty of a lady pharmacist draws some attention, but business is not particularly brisk. However, she keeps the establishment going till her brother François passes his examination and takes her place. By this time, however, M. Edward Fleurigny, a young Parisian artist, has wooed and won Danielle. The picture of their married life may be recommended to young couples as giving the true remedy to the oft-quoted complaint of "incompatibility." The husband is in the studio, his wife in the laboratory. "She cultivates bacilli; Edward paints." Now and then "Madame Edward Fleurigny strays behind the counter of the 'Twentieth Century Pharmacy' and helps her brother to make up some important or difficult preparation. Edward lets her do as she wishes, always satisfied to know that she is happy, and never thwarts her wishes." And the curtain falls on this orthodox "happy ending."—*C. E. Lord.*

THE value of the chemicals and drugs imported into St. Louis, U.S.A. in 1908 amounted to 66,698*l.*, on which the duties collected totalled 17,062*l.*

Coming Events.

Notices for insertion under this heading should be received by the Editor on Wednesday of each week.

Wednesday, June 30.

Thames Valley Pharmacists' Association and Western Pharmacists' Association. Combined launch trip. Launch leaves the Sun Hotel, Kingston-on-Thames, at 2 P.M. for Chertsey, where meat tea will be served. Tickets (5s. each, family tickets, for three, 14s.) from Mr. A. Higgs, 42 Richmond Road, Kingston-on-Thames, or Mr. Procter, 113 The Grove, Hammersmith.

Plymouth, Devonport, and Stonchouse Pharmacists' Association. Annual excursion to Bodmin, Lanhydrock, Restormel, and Lostwithiel. Train leaves Mutley 1.15 P.M. for Bodmin Road, whence brakes will complete the journey. Tea at the Royal Talbot Hotel at Lostwithiel. Tickets, inclusive (7s., double 13s. 6d.) from Mr. F. J. Barge, Hon. Secretary, Belgrave Pharmacy, Mutley Plain, Plymouth.

Thursday, July 1.

National Union of Assistant Pharmacists, Stratford Town Hall, London, E., at 8 P.M. Propaganda meeting, to which all qualified employees are invited.

Friday, July 2.

Edinburgh Chemists', Assistants', and Apprentices' Association. Botanical excursion to Colinton. Train leaves the Caledonian Station at 8.30 P.M.

THE annual meetings of the Proprietary Articles Trade Association and the Chemists' Defence Association, Ltd., are to be held at Anderton's Hotel, Fleet Street, London, on July 8.

Where to Study.

The following educational institutions are advertising in this issue:

Muter's (South London) School of Pharmacy, 325 Kennington Road, London, S.E.
Westminster College of Pharmacy, 402 Clapham Road, London, S.W.
London College of Pharmacy, 323 Clapham Road, London, S.W.
South of England College of Pharmacy, 186 Clapham Road, London, S.W.
Northern College of Pharmacy, 100 and 102 Burlington Street, Manchester.
Manchester College of Pharmacy, 225A and 227A Oxford Road, Manchester.
Birmingham and Midland College of Pharmacy, 45 Newhall Street, Birmingham.
Leeds College of Pharmacy, Clarendon Road, Leeds.
Glasgow School of Pharmacy, 180 West Regent Street, Glasgow.

Prescription Problem.

THE prescription-reading problem which was set in THE CHEMIST AND DRUGGIST, May 29 (Coloured Supplement), has yielded interesting results. The chief difficulty in the script was as to the quantity of the first ingredient. When we came to check the postcards with a view to obtaining the verdict of the majority we found that the competitors were equally divided between "mxv" and "mxl." In these circumstances, and as a kind of casting-vote, we turned to the solution sent by the chemist who supplied us with the prescription, and this we found to be "mxv." We mention this for the benefit of the competitors who gave the quantity as "mxl"—it may be a consolation to them to know that they err in good company, and that it was only by a casting-vote that their solution could not be accepted. A very small proportion of the postcards give erroneous ingredients for the second syrup, such as syr. ferri tart. and syr. ferri lact. Two competitors give wrong readings for the third ingredient, five make the menstruum to be aq. aurant., and one reads it as aq. menth. A point which, however, does not count is the reading of the patient's name, a few giving Master

Robinson's name as Robertson. The reading of the prescription is as follows:

Syr. Ferr. Phosph.	...	...	mxv
Syr. Ferr. Iod	...	...	mv
Syr. Pruni Virgin	...	...	mxv
Aquam ad	...	...	3ij

M ft Mist Mitte 3ij

3ij quart in die caq

Master Robinson

V O

R Pulv. Acid Bori	...	...	3ij
Zinci Oxidi	...	...	3ij
Amyl ad	...	...	3j.

ft pulv

Mitte 3ij.

To be used as dir

No solution quite free from error has been received, but the following competitors are worthy of honourable mention, and, as on the last occasion, we are sending to each a copy of "The Chemist's Medical Dictionary":

R. W. Brooke,
55 Windsor Road,
Ealing, W.

P. C. Drewett,
c/o Messrs. Griffith & Walden,
High Street,
Slough.

John R. Hamilton,
c/o Messrs. Rowland,
7 Castle Street,
Edinburgh.

B. Logan,
Johnston's Medical Hall,
Downpatrick.

W. H. Nethercott,
c/o W. J. Nethercott,
87 Grosvenor Road,
Bristol.

F. L. Spalding,
141 St. George's Road,
Southwark, S.E.

The next problem is appended. Postcard replies should be posted not later than July 1:

Baby. Colwell 73 '34

Hypoc. Lumen p 1/2
Chloramb p 1/4
Lact. Am p 1/2

W. J. Nethercott The 1111

Ry 1/2 2 Colwell

920

Emil. Kellert

MACASSAR COPAL.—The exports of copal from Macassar during 1908 show a slight increase on those of 1907. Prices during the whole year were steady at more or less normal rates. Singapore received a fair proportion of the total output, which amounted in 1908 to 90,949 piculs, as compared with 83,644 piculs in 1907 and 37,178 piculs during 1906.

"THE ART OF DISPENSING" is one of the first half-dozen most popular pharmaceutical books in the world. It is so because it educates the student, helps pharmacists, and solves hundreds of difficulties. The new edition is up to date as regards new remedies. You can get a copy from the C. & D. Office, 42 Cannon Street, London, E.C., for 6s. 4d. post free, or from any wholesale house at the published price (6s.).

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In this section, under appropriate headings, are given the names of firms advertising in this or other issues of the month. No charge is made to advertisers for the insertion of their names, but only those who have contracts current for advertising in this journal are mentioned. The headings refer generally to the classes of goods actually advertised, but this is not a detailed Guide such as appears in "The Chemists' and Druggists' Diary." Inquiries addressed to "The Chemist and Druggist," 42 Cannon Street, London, E.C., regarding articles not appearing in these pages will receive prompt attention.

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Kay Bros., Ltd.
Lambert Pharmaceutical Co.
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Schntze, F., & Co.

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lege of Pharmacy
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Pharmacy
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London College of Pharmacy
Manchester College of Pharmacy
Muter's (So. Lond.) School of
Pharmacy
North of England School of
Pharmacy
Northern College of Pharmacy
South of England College of
Pharmacy
Westminster College of Phar-
macy

EFFERVESCENT PREPS.

Allen & Hanburys, Ltd.
Bishop, Alfred, Ltd.
Blackie, R.
Bristol-Myers Co.
Cox, A. H., & Co., Ltd.
Evans Sons Lescher & Webb, Ltd.
Goodall, Backhouse & Co.
Kutnow, S., & Co., Ltd.
Lloyd, T. Howard, & Co.
Lorimer & Co., Ltd.
Newball & Mason
Potter & Clarke
Standard Tablet & Pill Co.
Sturge, John & E.
Tidman & Son, Ltd.
Tyrer, T., & Co., Ltd.
Wright, Layman & Umney

ELASTIC HOSIERY

Ayrton, Saunders & Co., Ltd.
Berliner, Arthur
Burge, Warren & Ridgley, Ltd.
Haywood, J. H.
Jackson, Röhrs, & Co.
Maw, S., Son & Sons
Wood, Vincent

EMERY AND CLOTH

Oakey, J., & Sons, Ltd.

EMULSIONS, COD - LIVER OIL, ETC.

Allen & Hanburys, Ltd.
Ayrton, Saunders & Co.
Baiss Bros. & Stevenson, Ltd.
Blackie, R.
British Drug Houses, Ltd.
Evans Sons Lescher & Webb, Ltd.
Faulding, F. H., & Co.
Harker, Stagg & Morgan, Ltd.
Lorimer & Co., Ltd.
Oldfield, Pattinson & Co.
Scott & Bowne, Ltd.
Parke, Davis & Co.
Woolley, Jas. Sons, & Co.
Woolleys, Ltd.

EPSOM SALTS

Howards & Sons, Ltd.

ESSENCES, CONCRETE

Lautier Fils
Murray, O., & Co., Ltd.
Roure-Bertrand fils
Schmoller & Bompard

ESSENCES, SOL. AND FRUIT

Alliance Drug & Chem. Co.
Baiss Bros. & Stevenson, Ltd.
Barnett & Foster
Boake (A.), Roberts & Co., Ltd.
Bush, W. J., & Co., Ltd.
Cresp-Martineq
Evans Sons Lescher & Webb
Hay, Wm., Ltd.
Lautier Fils
London Essence Co.
Lorimer & Co., Ltd.
Newball & Mason
Roure-Bertrand fils
Spencer, J., Son & Co.
Stevenson & Howell, Ltd.
Zimmermann, A. & M.

ENEMAS

Bailey, W. H., & Son
Burge, Warren & Ridgley
Daval Rubber Co.
Hay, J. B., & Co.
Ingram, J. G., & Son
Maw, S., Son & Sons
Toogood, W., Ltd.
Warne, W., & Co., Ltd.

ETHERS

Baiss Bros. & Stevenson, Ltd.
Macfarlan, J. F., & Co.
May & Baker, Ltd.
Tyrer, T., & Co., Ltd.
White, A., & Sons

EUCALYPTUS OIL

British Drug Houses, Ltd.
Baiss Bros. & Stevenson, Ltd.

EXTRACT OF HERBS

Newball & Mason
Potter & Clarke

EXTRACTS (MEDICINAL)

Allen, Stafford, & Sons, Ltd.
Chemists' Co-operative Wholesale
Hewlett, C. J., & Son
Parke, Davis & Co.
Ransom, W., & Son
(See also WHOLESALE DRUGGISTS)

FEEDING BOTTLES

Brefft, E., & Co., Ltd.
Fecher, M. J.
Hovenden, R., & Sons, Ltd.
Kilner Bros., Ltd.
Maw, S., Son & Sons
Sangers'
Southall Bros. & Barclay, Ltd.
Taylor, F. H., & Sons

FILTERS (WATER)

Berkefeld Filter Co., Ltd.

FLYCATCHERS

Alabastine Co. (British), Ltd.
Deansmere Manfg. Co.
Ford, Shapland & Co.
Frowell, O.
Kay Bros., Ltd.
Lange's, H., Successors
Smith, J. H., & Co.
Tronch, Christy
Tunbridge & Wright

FORMALDEHYDE

Bart, Boulton & Haywood

FOODS, INFANTS'

Allen & Hanburys, Ltd.
Benger's Food, Ltd.
Frame Food Co., Ltd.
Lofthouse & Saltmer
Natural Food Co., Ltd.
Willows, Francis B. & T.

FOODS, SPECIAL

Allen & Hanburys, Ltd.
Benger's Food, Ltd.
Brand & Co., Ltd.
Burt, C. J.
Callard & Co.
Fairchild Bros. & Foster
Frame Food Co., Ltd.
Menley & James, Ltd.
Miol Manufacturing Co.
Natural Food Co., Ltd.
Wander, A.

FRUIT CRYSTALS

Aerators, Ltd.

FULLER'S EARTH

Mumford, G. S., & Sons

FUMIGATORS

Sanitas Co., Ltd.

GELATIN AND GLUE

Boehm, F., Ltd.

GLAUBER'S SALT

Branwell, E., & Son

Howards & Sons, Ltd.

GLYCERIN

Boehm, F., Ltd.

Price's Patent Candle Co.

GOLD PAINT

Judson, D., & Son

GRINDERS

Allen, Stafford, & Sons, Ltd.

Goodall, Backhouse & Co.

Willows, Francis B. & T.

HAIR PREPARATIONS

Capsuloids (1909), Ltd.

Chesebrough Manfg. Co.

Dralle, Georg.

Edwards' "Harlene" Co.

Harker, Stagg & Morgan

Herpicide Co.

John Bull Hair Food

John Strange Winter

Martinié & Co.

Robare's Aureoline

Rowland, A., & Sons

Woolleys, Ltd.

HAIR WAXES AND CURLERS

Merkham Trading Co., Ltd.

HAT DYES

Whitaker & Co.

HAT RENOVATORS

Christy, T., & Co.

HEATING FLASKS

Gutmann, A. E., & Co.

HERBS

Potter & Clarke

HOMOEOPATHIC MEDICINES

Ashton & Parsons, Ltd.

Keene & Ashwell, Ltd.

Leath & Ross

HOT-WATER BOTTLES

Berliner, Arthur

Burge, Warren & Ridgley

Hutchinson Co.

Maw, S., Son & Sons

May, Roberts & Co.

Southall Bros. & Barclay

Wood, Vincent

HOTELS

Esmond Hotel

Kingsley Hotel

Thackeray Hotel

HYDROGEN PEROXIDE

May & Baker, Ltd.

Sanitas Co., Ltd.

Tyrer, T., & Co., Ltd.

HYPOPHOSPHITES

May & Baker, Ltd.

Merck, E.

Tyrer, T., & Co., Ltd.

INHALERS

Christy, T., & Co.

Fecher, M. J.

Sangers'

Taylor, F. H., & Sons

INK

Bewley & Draper, Ltd.

Hickisson, A. B.

INSECT POWDER

Boehm, F., Ltd.

Smith, B. A., & Co.

INSECTICIDES

Christy, Thos., & Co.

Smith, B. A., & Co.

Toulminson & Hayward, Ltd.

Voss, Walter, & Co.

Woolleys, Ltd.

IODINE AND IODIDES

Howards & Sons, Ltd.

Merck, R.

Morson, T., & Son

ITROSYL

Fletcher, Fletcher & Co.

JARS AND POTS

Brefft, E., & Co., Ltd.
Cook, A., & Co.
Johnsen & Jorgensen, Ltd.
Kilner Bros., Ltd.
Lang, Jules, & Son
Maw, S., Son & Sons
Poths, H., & Co.
Reuter, R. J.
Stipendium Stopper Co.
Taylor, F. H., & Sons
Toogood, W., Ltd.

LACTIC FERMENTS

Allen & Hanburys, Ltd.
Cox, Arthur H., & Co., Ltd.
Martindale, W.
Parke Davis & Co.
Wilcox, Josean & Co.

LAMPS, DISINFECTING

Roberts, Cornford & Co.

LANOLINE

Burroughs Wellcome & Co.
Christy, T., & Co.
Sangers'

LARD

Chemists' Co-operative Wholesale
Ewen, J., & Sons

LIME AND JUICE CORDIAL

Evans Sons Lescher & Webb
Goodall, Backhouse & Co.
Idris & Co., Ltd.

LINSEED, CRUSHED, ETC.

Allen, Stafford, & Sons
Mumford, G. S., & Sons

LINTS

Vernon & Co., Ltd.

LIQUORICE JUICE

Boehm, F., Ltd.
British Drug Houses, Ltd.
Evans, Gray & Hood
Evans Sons Lescher & Webb, Ltd.
Horner & Sons
Jackson, E. B.
Mumford, G. S., & Sons

LIQUORS, CONC., ETC.

Allen, Stafford, & Sons, Ltd.
Fletcher & Fletcher & Co.
Hewlett, C. J., & Son
Robinson, B., & Co.

LITHIA SALTS

British Drug Houses, Ltd.
May & Baker, Ltd.
Merck, E.

LOOFAHS

Cresswell Bros. & Schmits

LOZENGES

Allen & Hanburys, Ltd.
Cox, A. H., & Co., Ltd.
Denoual, J., & Co.
Jackson, E. B.
Potter & Clarke
Raimes & Co.
Warrick Bros.

MACHINERY, PHARMACAL

Allen & Hanburys, Ltd.
Bennett, E., & Son, Ltd.
Bennett, Sons & Shears, Ltd.
Brown & Son
Fecher, M. J.
Gardner, Wm., & Sons, Ltd.
"Hercules" Meat Juice Press
Pindar, J. W., & Co.
Smith, B. A., & Co.
Stokes, F. J., Machine Co.
Thompson & Capper (Stokes)
Wilkinson, S. W., & Co.

MAGNESIA AND ITS SALTS

Henry, T. & W.
Howards & Sons, Ltd.
May & Baker, Ltd.
Washington Chemical Co.

MAILING CASES

May, Roberts & Co.

MALT EXTRACT AND PREPS.

Allen & Hanburys, Ltd.
Baiss Bros. & Stevenson, Ltd.
Blackie, R.
British Dia Malt Co.
Burroughs Wellcome & Co.
Evans Sons Lescher & Webb
Hewlett, C. J., & Son
Lorimer & Co., Ltd.
Oppenheimer, Son & Co., Ltd.
Paine & Co., Ltd.
Southall Bros. & Barclay, Ltd.
Squire & Sons
Woolley, Jas., Sons & Co., Ltd.
Wright, Layman & Umney

MARKING INK

Hickisson, A. (Bond's)

MEAT EXTRACT

Armour & Co., Ltd.
Brand & Co., Ltd.

MEDICINE CHESTS

Burroughs Wellcome & Co.
Keene & Ashwell, Ltd.
Leath & Ross
Lloyd, T. Howard, & Co.
Parke, Davis & Co.

MENTHOL CONES

Maw, S., Son & Sons

MERCURIALS

Howards & Sons, Ltd.
May & Baker, Ltd.
Merck, E.
Tyrer, T., & Co., Ltd.

METEOROLOGICAL SETS

Darton, F. & Co.

METHYLATED SPIRIT

Burroughs, J., Ltd.
Preston's Liverpool Distillery
Randall & Son, Ltd.

MILK APPARATUS

Zimmermann, U., & Co.

MILK BYPRODUCTS

Caselin, Ltd.

MINERAL WATERS AND SALTS

Apollinaris Co., Ltd.
British Drug Houses, Ltd.
Hughes E. Griffiths
Ingram & Royle, Ltd.
Vichy (State Springs)

NAPHTHAS

Burt, Boulton & Haywood

NASAL DOUCHES

Taylor, F. H., & Sons

OILS, ESSENTIAL

Allen, Stafford, & Sons, Ltd.
Alliance Drug & Chem. Co.
Baiss Bros. & Stevenson
Boake (A.), Roberts & Co., Ltd.
Bush, W. J., & Co., Ltd.
Chiris, Antoine
Cresp-Martineq
Evans Sons Lescher & Webb, Ltd.

Holzmueller & Schmidt

Horner & Sons

Jackson, J., & Co.

Lautier Fils

London Essence Co.

Matthew, Jesse

Mühlethaler, Th., Ltd.

Pasquale, S. F. de, & Fratelli

Poppelreuter, W.

Ransom, W., & Son

Roure-Bertrand fils

Sachse, E., & Co.

Schimmel & Co.

Schmoller & Bompard

Spencer, J., Son & Co.

Stevenson & Howell, Ltd.

Todd, A. M., Co.

Wright, Layman & Umney

Zimmermann, A. & M.

OILS, FATTY, ETC.

Allen, Stafford & Sons, Ltd.
Cresp-Martineq

Price's Patent Candle Co.

Wright, Layman & Umney

OINTMENTS

Blackie, R.
Chemists' Co-operative Wholesale
Oldfield, Pattinson & Co.

OPTICAL GOODS

Botwright & Grey
Darton, F., & Co.
Maw, S., Son & Sons
Newbery, F., & Sons, Ltd.
Nitsche & Günther
Raphael's, Ltd.

OPTICAL INSTRUCTION

British Optical Institute

OTTO OF ROSE

Bontcheff & Kidoff
Pappazoglou, D.
Reitmeier & Co. (synthetic)
Seraphimoff, S., & Co.
Shipkoff & Co.

PASTILLES

Allen & Hanburys, Ltd.
Asche, C. F., & Co.
Baiss Bros. & Stevenson
Burroughs Wellcome & Co.
Denoual, J., & Co.
Evans Sons Lescher & Webb
Warrick Bros.

PACKED GOODS

(See WHOLESALE)

PALATINOLIDS

Oppenheimer, Sons & Co.

PATENT AGENT

Barker, R. W.

PERFUME MATERIALS

Bush, W. J., & Co., Ltd.
Chiris, Antoine
Compagnie Morana
Cresp-Martineng
Lautier Fils
Mnhlethaler, Th., Ltd.
Murray, O., & Co., Ltd.
Schimmel & Co.
Shipkoff & Co.
Spencer, J., Son & Co.
Treath, R. O., & Co.
Zimmermann, O., & Co.

PERFUMES

Allen & Hanbury, Ltd.
Barclay & Sons, Ltd.
Brendenbach & Co.
Bronnley, H., & Co., Ltd.
Bush, W. J., & Co., Ltd.
Christy, T., & Co.
Chnit, Naef & Co.
Cresp-Martineng
Dralle, Georg.
Erasmo Co., Ltd.
Evans Sons Lescher & Wehh, Ltd.
Hewlett, O. J., & Son
Hovenden, R., & Sons, Ltd.
Lescol Perfumery Co.
McCracken, J. & R.
Maw, S., Son & Sons
Newberry, F., & Sons, Ltd.
Quelch, H. C., & Co.
Southall Bros. & Barclay
Spencer, J., Son & Co.
To-Kalon Mfg. Co.
Warrick Bros.
West, T.
Yardley & Co., Ltd.

PESARIES

Burge, Warren & Ridgley
Rendell, W. J

PETROLEUM EMULSION

British Drug Houses, Ltd.

PETROLEUM JELLY

Cheshrough Mfg. Co.

PHOTO. CHEMICALS

Boehringer, O. F., & Soehne
Burroughs Wellcome & Co.
Lockyer, J. E.
Merck, B.

PHOTO. GOODS

Barclay & Sons, Ltd.
Darton, F., & Co.
Evans Sons Lescher & Wehh
Halifax Photographic Co.
Ilford, Ltd.
Lennon, Ltd.
May, Roberts & Co.
Murdoch, John, & Co.
Newberry, F., & Sons, Ltd.

**OTO. ENLARGERS,
PRINTERS, &c.**

Express Developing Co.
Halifax Photographic Co.

PILL MAKERS

Allen & Hanbury, Ltd.
Asche, O. F., & Co.
Bishop, Alfred, Ltd.
British Drug Houses, Ltd.
Cox, A. H., & Co., Ltd.
Davies, Sons & Co.
Evans Sons Lescher & Wehh, Ltd.
Hewlett, O. J., & Son
Howards & Sons, Ltd.
Lloyd, T. Howard, & Co.
McKesson & Rohlins
Parke, Davis & Co.
Pill, Tablet, & Capsule Alliance
Southall Bros. & Barclay
Standard Tablet & Pill Co.
Wand Mfg. Co.
Warner, W. R., & Co.
Woolley, J., Sons & Co., Ltd.

PLASTERS

Alcock Mfg. Co.
Berliner, Arthur
Beiersdorf, P., & Co.
Dalmas, A. de St., & Co.
Leslies, Ltd.
Maw, S., Son & Sons
Solport Bros.

POLISHES (VARIOUS)

Bradley & Bourdas
Judson, Daniel, & Son
Oskey, J., & Son, Ltd.

PROPRIETARY ARTICLES

American Drug Stores
Anglo-American Drug Co.
Anglo-American Phar. Co., Ltd.
Ashton & Parsons, Ltd.
Atkinson & Barker
Barclay & Sons, Ltd.
Battle, Son & Maltby
Beecham, T.
Beiersdorf, P., & Co.
Box, W. H.
British Drug Houses, Ltd.
Capsuloids (1909), Ltd.
Cardinal Mfg. Co., Ltd.
Christy, T., & Co.
Coleman & Co., Ltd.
Congreve, G. T.
Cox, A. H., & Co., Ltd.
Curry, Henry
Daggett & Ramsdell
Daisy, Ltd.
Davenport, J. T., Ltd.
Day & Sons (Orewe), Ltd.
Day, Son & Hewitt
Denoual, J., & Co.
Edwards, W., & Son
Elliman, Sons & Co.
Evans Sons Lescher & Wehh
Faulding, F. H., & Co.
Fellows' Syrup
Fennings, Alfred
Ferris & Co.
Finford, C. E., Ltd.
Giles, H. G., & Co.
Goodall, Backhouse & Co.
Grapelax, Ltd.
Green, R. W., & Co.
Guy's Tonic Co.
Heala Manufacturing Co.
Henry, T. & W.
Hovenden, R., & Sons, Ltd.
Hughes, E. Griffiths
Ichthyol Co.
International Chemical Co.
Iron-Ox Rem. Co., Ltd.
Kay Bros., Ltd.
Kintow, S., & Co., Ltd.
Lalor's, Dr., Phosphodyne
Lambert Pharmacal Co.
Lofthouse & Saltmer
Lorimer & Co., Ltd.
May Roberts & Co.
Menley & James, Ltd.
Miol Manufacturing Co.
Newberry, F., & Sons, Ltd.
Odol Chemical Works
Owbridge, W. T., Ltd.
Pedey Co.
Powell, Thomas, Ltd.
Resinol Chemical Co.
Richards, J. M., & Sons
Rubwel Co.
Sangers'
Savaries's Capsules (Evans)
Schimmel & Co.
Scott & Bowne, Ltd.
Squire & Sons
Standard Tablet & Pill Co.
Stedman's Teething Powders
Thompson & Capper
To-Kalon Mfg. Co.
Tunbridge & Wright
Wilcox, Jozeau & Co.
Zotos, Ltd.
(See also DENTIFRICES and TOILET ARTICLES)

PRINTERS

Dudley & Co.
Ford, Shapland & Co.
Harrison & Waide
Smith, W. H., & Son
Townsend, J., & Sons

PULVELLÆ

Warrick Bros.

PULVERETTES

Oppenheimer, Son & Co., Ltd.

PUMPS

Berkefeld Filter Co., Ltd.

QUININE AND SALTS

Boehringer, O. F., & Soehne
Howards & Sons, Ltd

RAZORS

Auto-Strop Safety Razor Co.
Hovenden, R., & Sons, Ltd.

RENNET

Fullwood, R. J., & Bland
Oldfield, Pattinson & Co.

RESINS AND RESINOIDS

Allen, S., & Sons, Ltd.
Allen & Hanbury, Ltd.
Morse, T., & Son
Ransom, W., & Son
Smith, T. & H., Ltd.

RESPIRATORS

Zimmer & Co.

RUBBER GOODS

Davol Rubber Co.
Burge, Warren & Ridgley, Ltd.
Evans Sons Lescher & Webb, Ltd.
Fecher, M. J.
Galen Mfg. Co.
Haywood, J. H.
Hovenden, R., & Sons, Ltd.
Hutchinson Co.
Maw, S., Son & Sons
May, Roberts & Co.
Warne, W., & Co., Ltd.

SACCHARIN

Saccharin Corporation, Ltd.

SALICIN

Macfarlan, J. F., & Co.
Smith, T. & H., Ltd.

SALICYLATES

Bayer Co., Ltd.

SAMPLE CASES

Keane, Thomas

SANTONIN

Smith, B. A., & Co.

SAPONIN

Field, O. W.
Sthamer, Dr. R.

SAUCES

Goodall, Backhouse & Co.

SCALE PREPARATIONS

Morse, T., & Son

SCRUBBERS

Lange's, H., Successors

SEA SALT

Tidman & Son, Ltd.

SEA-SICKNESS REMEDY

Zotos, Ltd.

SELTZOGENES

Aerators, Ltd.

SERUMS AND ANTITOXINS

Allen & Hanbury, Ltd.
Evans Sons Lescher & Wehh
Parke, Davis & Co.
Schimmel & Co.
Wilcox, Jozeau & Co.

SHEEP-DIPS

Burt, Boulton & Haywood
Sanitas Co., Ltd.
Tomlinson & Hayward, Ltd.

SHOP-FITTING

Ayrton-Graham, Ltd.
Bowling & Son
Cleworth, J.
Evans Sons Lescher & Wehh, Ltd.
Josephs, P., & Son
Maw, S., Son & Sons
Mills, H.
Rudduck & Co.
Sangers'
Southall Bros. & Barclay, Ltd.

SOAP MATERIALS

Chiris, Antoine

SOAPS

Allen & Hanbury, Ltd.
Armour & Co., Ltd.
Brendenbach & Co.
Bronnley, H., & Co., Ltd.
Cheshrough Mfg. Co.
Cook, E., & Co., Ltd.
Erasmo Co., Ltd.
Hull Oil Mfg. Co., Ltd.
Lescol Perfumery Co.
Oakley, J., & Son, Ltd.
Pears, A. & F., Ltd.
Price's Patent Candle Co.
Richards, J. M., & Sons
Wright, Layman & Umney
Yardley & Co., Ltd.

SOAPS, MEDICATED

Armour & Co., Ltd.
Bronnley, H., & Co., Ltd.
Calvert, F. O., & Co.
Faulding, F. H., & Co.
Lambert Pharm. Co.
Wright, Layman & Umney

SODA FOUNTAINS

British Automatic Aerators, Ltd.

SODIUM BICARBONATE

Brunner, Mond & Co., Ltd.
Howards & Sons, Ltd.
Mumford, G. S.

SOOTHERS

Schutze, F., & Co.
Taylor, F. H., & Sons

SPARKLETS

Aerators, Ltd.

SPECTACLES

Botwright & Gray
Darton, F., & Co.
Maw, S., Son & Sons
Nitsche & Günther
Raphael's, Ltd.

SPHYGMOMETERS

Hicks, J. J.

SPIRIT OF WINE

Burrough, J., Ltd.
Preston's Liverpool Distillery

SPITTING-FLASKS

Maw, S., Son & Sons

SPONGE BAGS

Maw, S., Son & Sons
Schutze, F., & Co.
Toogood, W., Ltd.

SPONGES

Oresswell Bros. & Schmitts
Internat. Sponge Importers
Kent, G. B., & Sons, Ltd.
Maw, S., Son & Sons
Sangers'

SPONGIO-PILNE

Whitehead, R. E., & Bros.

SPRAYS

Burge, Warren & Ridgley, Ltd.
Cook, Alfred, & Co.
Davol Ruhher Co.
Hovenden, R., & Sons, Ltd.
Maw, S., Son & Sons
May, Roberts & Co.
Newberry, F., & Sons, Ltd.
Parke, Davis & Co.
Sangers'

STARCH

Mumford, G. S., & Sons

STOPPERS

Fletcher, Fletcher & Co.
Stipendum Stopper Co.

STOVES (HEATING)

Clark, S., & Co.

SUPPOSITORIES

Cox, Arthur H., & Co.

SURGICAL APPLIANCES

Allen & Hanbury, Ltd.
Bailey, W. H., & Son
Burroughs Wellcome & Co.
Maw, S., Son & Sons
Quelch, H. C., & Co.
Wood, Vincent
Warne, W., & Co., Ltd.

SURGICAL DRESSINGS

Beiersdorf, P., & Co.
Berliner, Arthur
Burroughs Wellcome & Co.
Dalmas, A. de St., & Co.
Galen Mfg. Co., Ltd.
Gimber, W., & Son
Haynes, G., & Co.
Howison & Co., Ltd.
Jackson, Kohrs, & Co.
Leslies, Ltd.
Liverpool Lint Co.
Macfarlan, J. F., & Co.
Maw, S., Son & Sons
Newsome, O.
Robinson & Sons, Ltd.
Southall Bros. & Barclay
Vernon & Co., Ltd.
Wood, Vincent
Woolley, J., Sons & Co., Ltd.
Wright Turner & Son, Ltd.

SWIMMING FLOATS

Schutze, F., & Co.

SYNTHETIC PERFUMES

Boehringer, O. F., & Soehne
Bush, W. J., & Co., Ltd.
Chnit, Naef & Co.
Compagnie Morana
Murray, O., & Co., Ltd.
Reitmeyer & Co.

SYNTHETIC REMEDIES

Bayer Co., Ltd.
Boehringer, O. F., & Soehne
Boehringer, O. H., Sohn
Hoffmann-La Roche, Ltd.
Reitmeyer & Co.

SYPHONS, S. W.

Aerators, Ltd.
Barnett & Foster
Brenitt, E., & Co., Ltd.
Camwal, Ltd.
Idris & Co., Ltd.

SYRINGE CASES

May, Roberts & Co.

SYRUPS, FRUIT

Idris & Co., Ltd.

SYRUPS, MEDICINALChemists' Co-operative Wholesale
Fellows' Med. Mfg. Co.
Fletcher, Fletcher & Co.
Squire & Sons**TABLETS, COMPRESSED**Allen & Hanburys, Ltd.
Asche, O. F., & Co.
Ayrton, Saunders & Co.
Bishop, Alfred, Ltd.
British Drug Houses, Ltd.
Cox, A. H., & Co., Ltd.
Davies, Sons & Co.
Duncan, Flockhart & Co.
Evans Sons Lescher & Webb
Howards & Sons, Ltd.
Jackson, E. E.
Lloyd, T. Howard, & Co.
McKesson & Robbins
Parke, Davis & Co.
Pill, Tablet, & Capsule Alliance
Potter & Clarke
Standard Tablet & Pill Co.
Thompson & Capper
Wand Manufacturing Co.
Warner, W. R. (Newbery)**TABLOID PRODUCTS**

Burroughs Wellcome & Co.

TARTARIC ACIDBritish Drug Houses, Ltd.
Boehringer, C. H., Sohn**TELEPHONE CAPS**Jeyes' Sanitary Compounds Co.,
Ltd.**TINFOILS**

Erhardt, H. & Co., Ltd.

TIN BOX MAKERSGoodall, Backhouse & Co.
Hantley, Boorne & Stevens**TOBACCO**

Singleton & Cole, Ltd.

TOILET PAPERFord, Shapland & Co.
Newbery, F., & Sons, Ltd.
Townsend, J., & Sons**TOILET ARTICLES**Allen & Hanburys, Ltd.
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The Saccharin Corporation, Ltd.

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SACCHARIN,

*Made in
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THE SACCHARIN CORPORATION, LIMITED, are the owners of All Patents for the United Kingdom and Colonies, except India and Canada, for the commercial manufacture of Saccharin, and their Saccharin is the only Saccharin that can be purchased without RISK OF LEGAL PROCEEDINGS or the necessity of ANY INDEMNITY.

The Saccharin Corporation, Ltd.

Manufactory—8 and 9 Ewer Street, Southwark, London, S.E.

By Appointment



to H.M. the King.



Official Reports show that routine
disinfection with

Jeyes' Special Fluid — Cyllin —

banishes school epidemics and thereby greatly
increases school grants.

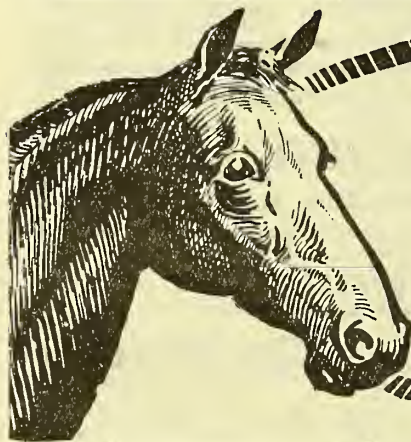
With a view to the prevention of infectious disease the Bucks Education Committee had the floors of 25 schools sprinkled nightly during the past twelve months with a solution of Jeyes' Special Fluid, the attendance in these schools being compared with that of the remaining schools in which the process was omitted.

The official report shows an improved attendance in the disinfected schools sufficient to earn additional grants amounting to over £50, while the entire cost of disinfection for the twelve months was less than £30.

NOTE.—Jeyes' are the only disinfectants used in the Royal Household.

Particulars of the most efficient method of disinfecting schools can be obtained free on application to

Jeyes' Sanitary Compounds Co., Ltd., 64 Cannon Street, London, E.C.



IT PAYS TO STOCK AND PUSH HARVEY'S GREAT REMEDIES FOR THE HORSE.

Now on the P.A.T.A.
GENEROUS PROTECTED PROFITS.

BUYERS' GUIDE

See pages 7 to 11.

COCKROACHES CLEARED WITH BLATTIS, THE UNION PASTE.

Guaranteed by E. Howarth, F.Z.S., who destroyed plague of them at Sheffield Workhouse in 1896.

Supplied by order to His Majesty the King at Sandringham.

Recommended by Dr. H. Woodward, F.R.S.; Canon Kinton Jacques, R.D.; by Mrs. Earle in "Pot Pourri" and all Ladies' Papers, Cookery Books, &c.

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DISPENSING BOTTLES & PHIALS.

I. ISAACS & CO., Glass Bottle Manufacturers,
106 Midland Road, St. Pancras, London, N.W.

Begin to call attention to their **REDUCED PRICES.**

We make the New Shape, Oval Fronted Bottles. No extra charge.

FIRST QUALITY.

3 & 4	6 & 8	12	16 ounce.	} Round edges, plain or graduated, quinine tinted.
9/-	10/-	15/-	20/- per gross	

SECOND QUALITY.

3 & 4	6 & 8	12	16 ounce.	} Round edges, plain or graduated, clear blue tinted.
7/6	8/6	12/-	18/- per gross	

PANEL BOTTLES (reduced prices).

2	3	4	6	8 ounce
7/6	8/-	8/-	9/-	10/- per gross.

WHITE PHIALS—GOOD QUALITY.

1	1 1/2	2 ounce.	} Plain or teaspoons.
3/6	4/-	4/6		5/6 per gross

Six gross and upwards, assorted or otherwise, sent carriage paid to any address in the United Kingdom. Smaller quantities not carriage paid.

Established 50 years. Bankers: London and Westminster Bank.

WE OFFER YOU

The sole representation, for your town or district, of the

GREAT INDIAN SPECIFIC.

Registered **EQUINOPULV** Trade Mark.

This is *not* a new and untried preparation. If you keep back numbers of the *C. & D.*, please refer to p. 205 of the issue dated *July 30th, 1898*, for our page advertisement.

The demand is now growing so greatly that we must appoint an agent in each important town in Great Britain and Europe.

We invite also Colonial and Foreign Chemists to apply for agency terms. Good profit: free booklets and other advertising matter.

("EQUINOPULV") **JOHN'S** ("EQUINOPULV")
Regd. Trade Mark. Regd. Trade Mark.

CONDITION POWDER

== FOR HORSES ==

Used largely by H.M. Cavalry Regiments, Trainers, and Stud Farms.

JUDGE THE ARTICLE FROM THE FOLLOWING UNSOLICITED CERTIFICATES

(Originals may be seen as below).

TWELVE YEARS AGO.

4th May, 1896.

Gentlemen,—I bought a pony who had done 250 miles in four days at Kajauri-Kach only a very short while before. He was then only skin and bones. Three tins of JOHN'S CONDITION POWDER and the treatment recommended in the directions made him a different animal.

Yours truly,

J. W. SKUDDERSON,

Capt. Gordon Highlanders.

STILL THE SAME.

11 High Street, Barnet,

Messrs. A. JOHN & Co., 8th June, 1909.
54 Piccadilly, London, W.

Dear Sirs,—Having tested your Condition Powder upon a mare covered with a surfeit, and the result being most satisfactory, we shall be pleased to recommend it to all workers of horses.

It not only removed the surfeit but produced a fine glossy coat, and put the mare in a thoroughly fit condition.

Yours faithfully,

(Sgd.) E. WHITE & SON.

WHOLESALE DEPOT:—H. C. JOHN, 54^P PICCADILLY, LONDON, W.

A GOOD AGENCY



NEW! THE PEOPLE'S FLYCATCHER.

Started late last season, nevertheless
became **THE Selling Flycatcher.**

NO DRYING UP.

Ask for Free sample and quotation from patentee:

C. FROWEIN, 43 BASINGHALL STREET, LONDON, E.C.

P.S.—It will pay you to see my sample before ordering elsewhere.

The 'VAMPIRE' and the 'FLYSAC.'



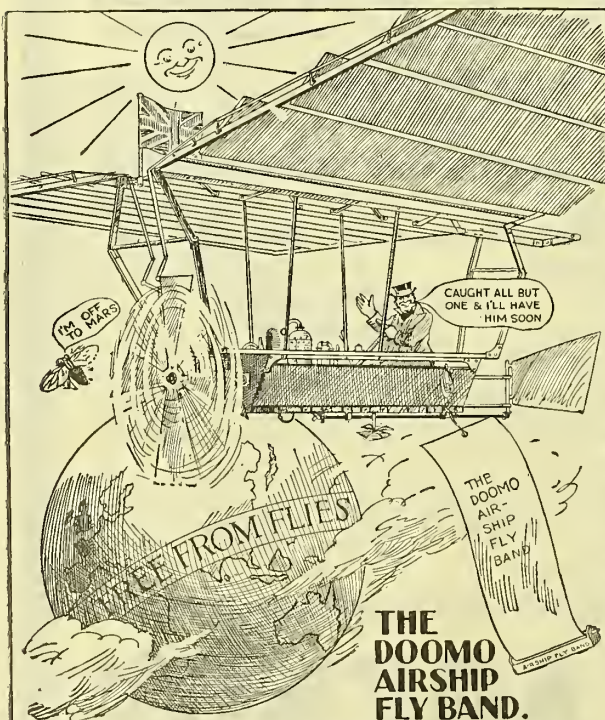
Send for samples. They carry our argument. Both annihilate flies, and both are hermetically sealed. With them there is no leakage, no risk, and no delay. The "VAMPIRE" sells on account of the novelty of its construction, the "FLYSAC" on account of its economy in use.

Prompt Deliveries. Big Profits. Quick Returns.

SOLE MAKERS:

KAY BROS. Ltd., STOCKPORT.

30 years' experience in the manufacture of Bird-limes and Flygums.



A wide band sticky on both sides, unrolling like a window blind,
Will catch ten times more flies than an ordinary tape.
Being sticky on both sides, it has a catching surface equal to a fly paper.

Jno. H. Smith & Co.,
Newark-on-Trent.

PROPRIETORS OF FLYODOOMO, DOOMOTAPE, &c.
TELEGRAMS: "SMITH, CHEMIST, NEWARK"

FLYODOOMO

sticks to its reputation,
and flies keep up their
reputation of sticking to

FLYODOOMO

Per Gross **5/-** Carriage Paid.

*The old favourite.
Always good stock.*



JNO. H. SMITH & CO.
Doomo Works,
NEWARK-ON-TRENT.



TUNBRIDGE & WRIGHT'S FLY CEMETERY.



The **ORIGINAL** and by far the **BEST** Sticky Fly Paper in the market.

Gives a Profit of **140** per cent.

**WE HAVE REDUCED
THE PRICE TO 5/- PER
GROSS NET CASH
WITH ORDER AND
CARRIAGE PAID**

TUNBRIDGE & WRIGHT'S CEMETERY FLY TAPE.

To meet the demand for a Fly Tape (which under some conditions is more convenient than a Fly Paper), we have produced the Cemetery Fly Tape, which is strongly made and most efficacious.

**6/6 per gross net cash with order,
carriage paid.**

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London Depot: **12 LITTLE BRITAIN, E.C.**

North of England Depot:

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Telegrams—"FLIES READING."

Telephone—496 READING.



TANGLEFOOT SEALED STICKY FLY PAPER.

Send us
5/-
we send you
our parcel
post
packet of
150 sheets.

Send us
15/-
and 1/- for
carriage,
we send you
a case of
500 sheets.



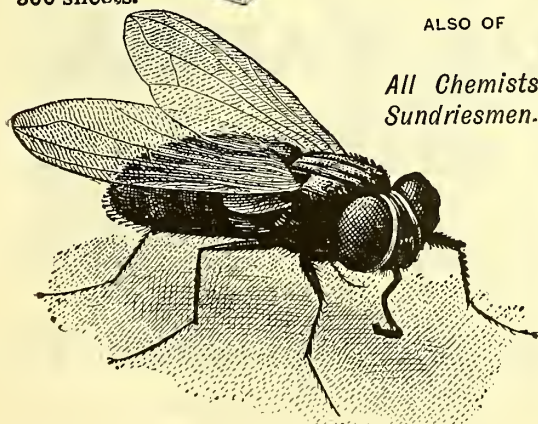
ALABASTINE CO.

**British
LIMITED,**

**Church Street,
South Lambeth,
LONDON, S.W.**

ALSO OF

*All Chemists'
Sundriesmen.*



PATENTED AND REGISTERED

SILVER KING

FLY CATCHER.



The Latest and Best.

Send for Samples.

They will Convince You.

A Neat and Handy
Contrivance.

Easy to Open.

Pull the String,
That's All!



Sole Makers:

DEANSMEERE MANUFACTURING CO.,

Works: **HIGH STREET,
STOCKPORT, England.**

PROTECTION!

FREE TRADE!

**BY USING
"PENNY COBWEB" FLY PAPERS
SAMPLES FREE.
CASH MUST ACCOMPANY ORDER.**

CHRISTY STRONG, READING.

1709 (200 YEARS) 1909

Eau de Cologne

Of the MOST ANCIENT DISTILLER,

JOHANN MARIA FARINA, GEGENÜBER DEM JÜLICH-PLATZ

ESTABLISHED A.D. 1709 at COLOGNE o/R.

Prize Medals:

LONDON 1851 and 1862;
Oporto, 1865;
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VIENNA, 1873;
"GRAND PRIZE,"
PARIS EXHIBITION, 1900.



[BY APPOINTMENT

Purveyor to His Most Gracious Majesty Edward VII.,
King of Great Britain and Ireland and Emperor of India;
Also to Her Late Majesty Queen Victoria.
Their Majesties William II., Emperor of Germany and
King of Prussia; Francis Joseph I., Emperor of Austria;
Humbert I., King of Italy; Albert, King of Saxony;
Christian IX., King of Denmark; The Queen Regent of
the Netherlands, &c., &c., &c.

The following is a facsimile of my Label; anyone selling or exposing for sale any imitation of the same will be proceeded against in the High Court.



There are many imitations of my Cologne on the English Market, but no retailer should risk his reputation by selling an article of inferior or uncertain quality.

The "GENUINE" EAU DE COLOGNE

MANUFACTURED BY

JOHANN MARIA FARINA,

FOR 200 YEARS, 1709-1909, at

GEGENÜBER DEM JÜLICH-PLATZ,

Is prepared in one quality only—the Best. This quality never varies in the slightest degree, and there has not been the smallest change in the manufacture since the year 1709, when it was invented by my ancestor.

It allows the Retailer a **SUBSTANTIAL GUARANTEED PROFIT**—Protected through the P.A.T.A.

SOLE AGENTS FOR GREAT BRITAIN AND IRELAND—

Messrs. J. & R. McCRACKEN, 10 Bush Lane, Cannon St., LONDON, E.C.

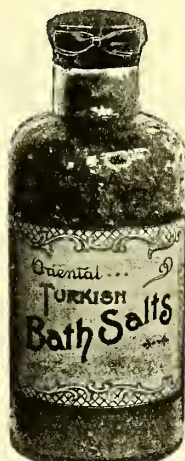
Price Lists, Showcards, and other advertising matter will be supplied on application.

H. BRONNLEY & CO., Ltd. ACTON VALE, LONDON, W.

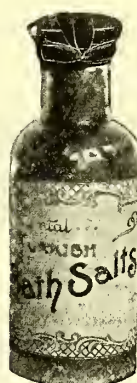
BATH CRYSTALS & WATER SOFTENING POWDERS.



No. 3000.



No. 3001.



No. 3002.

Bath Crystals in Round Kali Bottles.

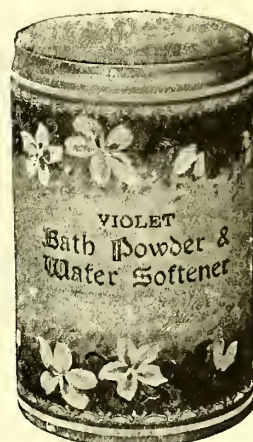
In all Ordinary Perfumes, at:—

(No. 3000) 60-oz.
48/-

(No. 3001) 30-oz.
26/-

(No. 3002) 12-oz.
12 6 doz. nett.

Customer's Own Name and Address on minimum quantities of Six dozen in assorted sizes.



No. 3007.

Water Softening Powder.

In Wood Barrel with Attractive Label, in two sizes,

(No. 3007) ½-lb.
42/- gr.

Larger size, 1-lb.
30/-



No. 3003.



No. 3004.

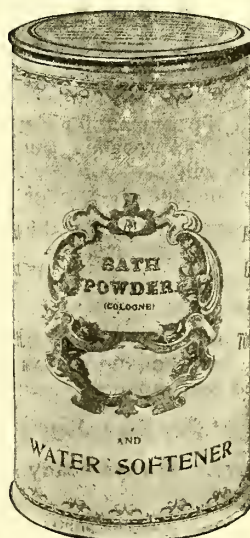
Bath Crystals, in Square Saline Bottles.

In Ordinary Perfumes, at:—

(No. 3003) 12-ozs.
11 6 doz. nett.

(No. 3004) 8-ozs.
8 6 doz. nett.

Customer's Own Name and Address on Six dozen, minimum, in assorted sizes.



No. 3005.



No. 3006.

Water Softening Powders in Cardboard Barrels.

Own Name and Address on 1 gross quantities, minimum, in assorted sizes.

No. 3005.
From 90/- gr.

No. 3006.
46/- gr. upwards.

DAY, SON & HEWITT'S Animal Medicines.

A sure remedy for the Fret, Colic or Gripes, Influenza, Loss of Appetite in Horses. For Debility, Scour, or

Diarrhoea in Horses, Cattle, and Sheep. Hoven or Blown Cattle and Sheep instantaneously relieved.

Price 1s. 9d. per bot.; 20s. per doz.



For all Feverish Disorders among Cattle, Sheep, and Pigs, and for Colds, Indigestion, Costiveness, Yellows, Surfeits, Loss of Cud, Hide-bound, Red Water, &c. Admirably adapted for cleansing and checking Feverish Symptoms in Cows and Ewes after Parturition.

Price (Cows), 13s. per doz.; Ewes, 3s. 6d.

For Kicks, Cuts, Bruises, Sore Withers, Swellings, Strains of Ligaments and Tendons, Saddle Galls, &c. It rapidly relieves Straining and Pain after Calving and Lambing, and is the remedy for Swollen Udders and Sore Teats.

Price 2s. 6d., 3s. 6d., and 7s. per bot.

For full particulars apply—

ROYAL ANIMAL MEDICINE MANUFACTORY,

22 DORSET ST., LONDON, W.



FORD, SHAPLAND & CO.

Chemists' and General Printers,
6 GREAT TURNSTILE, HIGH HOLBORN, LONDON. W.C.
Telephone No. 65 City.

SWIFT FLY BAND

The Cleanest & Most Effective. Specially suitable for Export.
6/- per gross.

The "SWALLOW" STICKY FLY PAPER.

5/- per gross.

ILLUSTRATED COUNTER BILLS. CABINET PAPER.
FOLDING CARDBOARD BOXES. TOILET ROLLS.
POSTERS. SHOWCARDS. WINDOW BILLS.

Labels (of every description). Price Lists, Pamphlets, Circulars, Billheads, Cards, Memorandums, Prescription Envelopes, and all kinds of PRINTING and Stationery required by Chemists, at most moderate Prices.

BE READY for the FLIES.



When the season for Fly-catchers approaches, customers will ask you for a really efficient Fly-catcher.

You cannot do better than push "The Rapid."

It sells as quickly as it catches flies.

The tape is enclosed in tin cases, and the glue is guaranteed real Japanese.

'RAPID' Fly Catchers

Never Dry. Always Ready.

The New Scrubber

INDISPENSABLE IN EVERY HOUSEHOLD.

Indispensable in Chemical Laboratories, and most useful for cleaning Hands, for scouring and polishing Glass, Metals, Woodware, Kitchen Utensils, Gas Stoves, Sinks, &c.

Fitted on
Showcards
for
Counter or
Window
Display.



Retails at: Copper 4d. Steel 3d.

With a good profit to the dealer.

Further particulars on application to the Sole Importers:

H. LANGE'S SUCCESSORS, LTD.

58a Wells Street, Oxford Street, W.

ALSO FROM { W. B. FORDHAM & SONS, Ltd., 36-40 York Road, King's Cross, London, N.
H. A. GOODALL & CO., Ltd., 5, 6, 7, Shoe Lane, London, E.C.
BARCLAY & SONS, Ltd., 95 Farringdon Street, London, E.C.

Essential Oils "Sachsse"

Terpene- and Sesquiterpeneless.

HIGHEST CONCENTRATION. BEST QUALITY IN THE MARKET.

Guided by the conviction that even the best commodities need some testimony as to their merits, we venture, in the following brief account, to direct your attention to our specialities, which appear to us destined to play a leading part in the Essential Oil industry. We refer to our

Terpeneless and Sesquiterpeneless Essential Oils "Sachsse."

I. What is aimed at in the production of Terpeneless and Sesquiterpeneless Oils?

It is a very general opinion among experts that essential oils embody the odoriferous or aromatic principle of the vegetable material from which, by distillation, expression or extraction, these oils are derived. This view is erroneous. It is more correct to state that only part of the constituents of an essential oil embody the aroma of the respective raw material, the remainder being indifferent or at any rate of less value as regards aromatic properties. As an example may be cited the delicately scented flavouring principle of lemon peel; this is not the **essential oil of lemon** itself but only a small fraction of it, as a matter of fact only some four or five per cent. of the total. This means that 95 or 96 per cent. of natural oil of lemon is quite unimportant as regards scent and flavour! In the case of **oil of orange**, only one or two per cent. are thus active, the remaining 98 or 99 per cent. being to all intent and purpose ineffective. The same applies to a greater or less extent to almost all the essential oils. It is only in quite isolated and exceptional instances, as, for example, the essential oil of bitter almonds, that the essential oil as a whole embodies the aromatic and flavouring principle of the vegetable substance.

Which then, from this point of view, are the active substances in Essential Oils and which the inactive?

Science furnishes an answer to this question: it is almost invariably the oxygen-containing chemical compounds which have the characteristic smell and taste of an essential oil, while, in the same manner, it is almost invariably the oxygen-free compounds which form those portions which are indifferent or of inferior value in these respects. A simple example of this may again be cited: in **oil of caraway** the active aromatic constituent is an oxygen-containing chemical body, i.e., Carvol, while the indifferent constituent is an oxygen-free compound, a terpene called Carvene. Whereas the oxygen-containing bodies found in essential oils are recruited from a numerous class of chemical compounds, the further discussion of which here would lead us too far afield, the oxygen-free constituents belong chiefly to only two classes, viz. to the terpenes and the sesquiterpenes.

Thus, the importance of the designation "**terpene- and sesquiterpeneless essential oils**" will be readily understood: they are essential oils which have been freed from all constituents which are indifferent or of inferior value as regards aroma and flavour; in other words, they represent the pure odoriferous and aromatic principles of the vegetable kingdom released from all unimportant contaminations.

II. What properties are possessed by the Terpeneless and Sesquiterpeneless Essential Oils "Sachsse"?

The removal of the terpenes and sesquiterpenes naturally results in an increased richness of the oil thus refined; this is the case with the various essential oils in a degree proportionate to the amount of terpenes and sesquiterpenes present in the natural oil. For example, the increased richness or degree of concentration of **terpene- and sesquiterpeneless oil of lemon "Sachsse"** is twenty-five fold, i.e., one part of this oil corresponds to twenty-five parts of the natural oil of lemon. This high degree of concentration results from the circumstance, already mentioned, that natural oil of lemon contains only four or five per cent. of active substances.

Accompanying this greater concentration of terpene- and sesquiterpeneless essential oils "Sachsse" is to be found greater delicacy of aroma, since it is perfectly clear that an essential oil must gain in delicacy of aroma in proportion as the odourless and tasteless constituents are removed.

A further and very important advantage of the "Sachsse" essential oils is their great stability. It is, as a matter of fact, the terpenes in essential oils which, under the action of air and light, become resinous, whereby the delicacy of aroma of the oil is irretrievably impaired. A noteworthy exception to this rule is formed by the **terpene- and sesquiterpeneless oil of juniper "Sachsse."** This oil undergoes changes under the action of air and light in a very short time, and the only, but absolute certain remedy against the occurrence of this change is the solution of the quite freshly prepared terpene- and sesquiterpeneless oil in alcohol. The solution thus formed can be kept indefinitely. We therefore always recommend the keeping of oil of juniper "Sachsse" in alcoholic solution.

The particular property of our terpene- and sesquiterpeneless essential oils, upon which we pride ourselves, and which has raised them well above the level of all competing ones, is that their **very great solubility in dilute alcohol**. The great majority of our oils are soluble in the proportion of 1, 2 or 3 of 69% (about 22 overproof) alcohol; **dilute alcoholic solutions of them are soluble in water!** This high degree of solubility is the criterion of their absolute purity and of the complete absence of terpenes and sesquiterpenes, for, in addition to their other inconvenient properties, terpenes and sesquiterpenes possess that of being but little soluble or completely insoluble in dilute alcohol. For this reason even a trifling percentage of terpenes and especially of sesquiterpenes will be betrayed by diminished solubility in alcohol of the respective product. Ready solubility in dilute alcohol is the touchstone which our products will withstand but upon which, without exception, competing products may dash to pieces.

Finally, as regards the economic aspect of the use of our terpene- and sesquiterpeneless essential oils, **their cost**, thanks to our perfected methods of production, is so low that their use in the place of natural essential oils constitutes a pecuniary advantage.

III. How are Terpeneless and Sesquiterpeneless Oils "Sachsse" used?

Upon this subject, naturally, only information of a general character can be given; this, however, in view of the wide range of application they enjoy in consequence of their great solubility in alcohol, will be found quite sufficient. The degree of concentration represented by each of the terpene- and sesquiterpeneless essential oils as compared with the natural oils is stated in optimum values in our price list. The possibility is thus afforded of employing our terpene- and sesquiterpeneless essential oils in the place of the corresponding natural oils. Very dilute spirit may be used for dissolving our Oils. Thus, in the majority of cases, 100 parts of 60% (about 7 overproof) or often even of 50% (about 11 under-proof) spirit suffices for the solution of one part of the Oils. Detailed information on the subject of the solubility of our oils is likewise to be found in our price-list. It is easy to convince oneself of their water-solubility by preparing a 1% solution of any one of the oils in 60-70% alcohol and pouring a small part of this solution into ordinary water; the essence forms a clear solution without sediment and will be found to render the water intensely aromatic.

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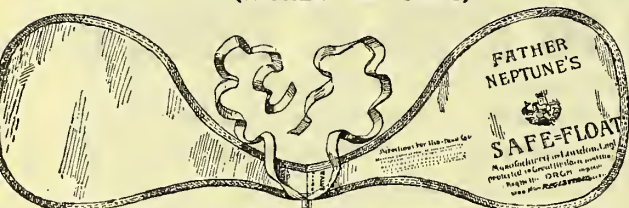
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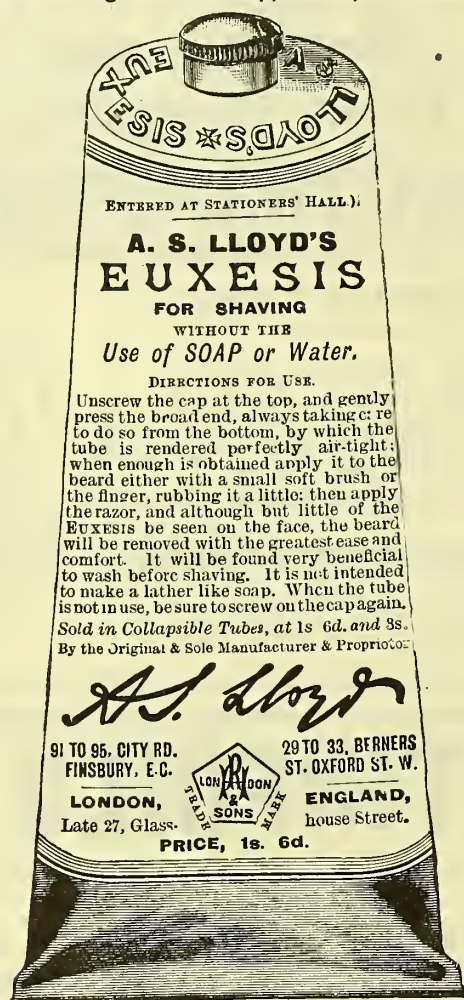
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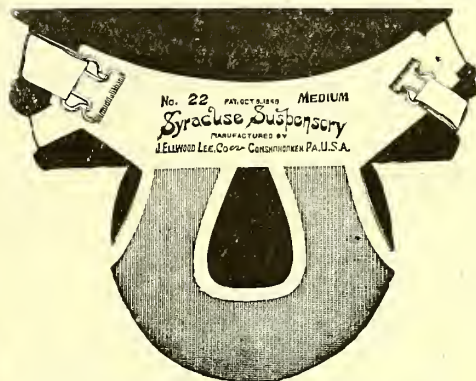
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LAIT LAROLA. — "This little engraving represents one of the smartest arrangements for window-display that we have seen for some time. It is collapsible, measures 20 in. high by 11 in. wide, and although made of cardboard, at a distance of 3 or 4 yards it is so substantial looking as to convey the idea of the original cartons of "Lait Larola." It is just the thing to make an attractive corner in the window, on a shelf, or, indeed, in any part of the pharmacy. Any C. & D. subscribers who would like one should write to Messrs. Beetham & Son, Cheltenham, the proprietors of "Lait Larola."



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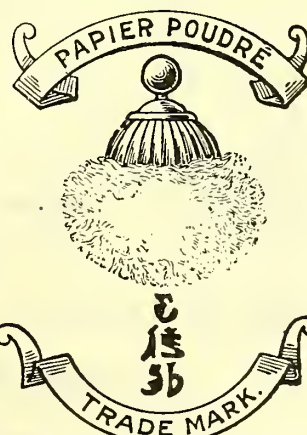
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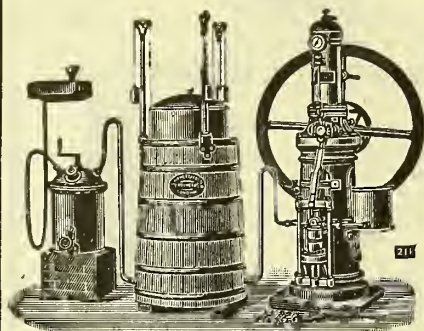
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THE BEST HOUSE IN THE WORLD for all requirements — of the — MINERAL WATER TRADE



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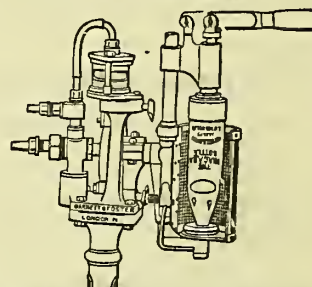
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Size	Producing capacity per day	Price, with gas-making apparatus
X	100 dozen	£80
W	300	£145
U	450	£162
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S	1,200	£185
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Are all Fitted for Hand and Power.

NOTE.—We include all necessary Connecting Pipes free without extra charge, so that the machinery is ready for work upon arrival.
FOR LARGER SIZES SEE CATALOGUE.

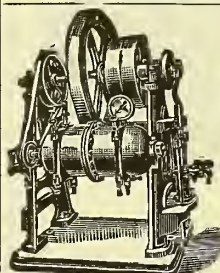
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With Syrup Pump .. £9 9 0
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FILLING MACHINE,
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The Quickest and most reliable Filling Machine on the market. SYRUPS AND FILLS AT ONE OPERATION. No Waste.



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Complete with Gas-making Apparatus, all pipings and connections included.

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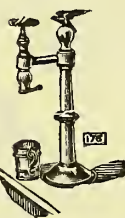
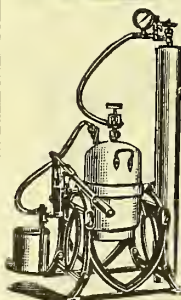
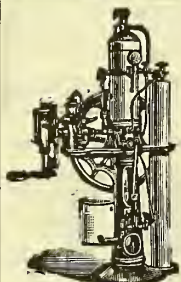
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This is a Cheap Apparatus, designed for use with Compressed Carbonic Acid Gas, for serving Soda Water on the counter by means of a silver-plated counter stand.

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THE SIMPLEST OF ANY SYPHON FILLER YET INTRODUCED.

BALL-STOPPED BOTTLES, SYPHONS,



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Price Lists, Show Cards, Dummy Bottles, Pamphlets, &c.

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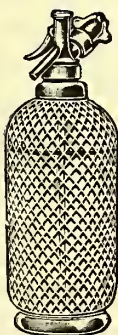
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CÉLESTINS For Diseases of the Kidneys, Gravel,
Gout, Rheumatism, Diabetes, &c.**GRANDE-GRILLE** For Diseases of the Liver and
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"PRANA" SPARKLET
: : : WORKS, : : :
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*SIMPLE
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Best Workmanship.

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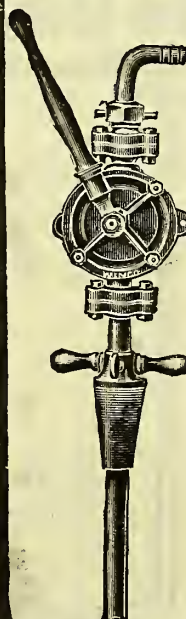
Can be used for any liquid,

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for Medicinal Purposes should employ Genuine and Finest Qualities only.

These can be obtained from W. J. BUSH & CO., LTD., who guarantee the following to be absolutely pure and to pass the tests of the British Pharmacopœia, 1898.

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SOLD IN TIN-LINED AND SEALED CASKS OF 1 CWT, EACH, OR PACKED AND LABELLED FOR THE TRADE.

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True Bermuda Arrowroot

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**Brand's
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IN BOTTLES,

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SPECIALTIES FOR INVALIDS.
CONCENTRATED BEEF TEA, MUTTON & CHICKEN BROTHS;
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(Guaranteed absolutely pure.)

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("E" brand entirely soluble in cold water).

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Liquid and Cake.
The Strongest and Brightest.

CHEESE RENNET
Strength 1'1000.
(Liquid, Powder and Tablets.)

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PRESERVATIVES
Powder and Liquid.
(Guaranteed Harmless.)

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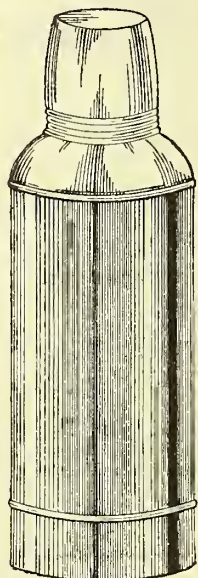
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are on the
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Manufactory—**STEAM ANNATTO WORKS, HOXTON, LONDON, N.**

THE **THERMOS** FLASK—for Lactonised Milk.



THERMOS Flask not only keeps liquids steaming hot for 24 hours and cold liquids icy cold for days without fire or chemicals, but by testing and experiments by able Medical Men it has been proved to be the **easiest, simplest, and most effective** mode of producing Lactonised Milk. The *modus operandi* is as follows:—

Heat your milk to a temperature from 105° to 110°—
Pour into **THERMOS Flask** with one tablet of Lactic Acid and a spoonful of sugar. Allow the milk to stand from 10 to 12 or more hours, and perfect Lactonised Milk is the result.

This means MINIMUM trouble—MAXIMUM results

MEDICAL MEN ARE LARGELY RECOMMENDING THE FLASKS TO PATIENTS.

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They can be obtained of all CHEMISTS and DRUGGISTS. JEWELLERS, SILVERSMITHS and STORES.

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Special Terms to Wholesalers and large Consumers.

THE GREAT SYPHON FILLER Is the "Consol."

A purely business machine. No labour, no power, automatic. Best aeration. Four syphons filled for a penny.

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All of which, with the exception of the CHEMISTS' EMULSION, can have Chemist's own Name and Address printed on Cartons and Labels, and, by arrangement, a particular style reserved exclusively for his own district.

EMULSION of PURE PETROLEUM

(Cartoned). Retailed at 1/-, 1/10, and 3/3.

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4½d. size 3/- doz.; 7½d. size 5/- doz.; 1/- size 8/- doz.

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"88" SARSAPARILLA COMPOUND.

In 4½d. and 7½d. earthenware Pots (Cartoned), 3/- and 5/- per doz.

The above are a few of the Specialities packed by us, all of which are well got up & good sellers. We shall be happy to send samples on application to

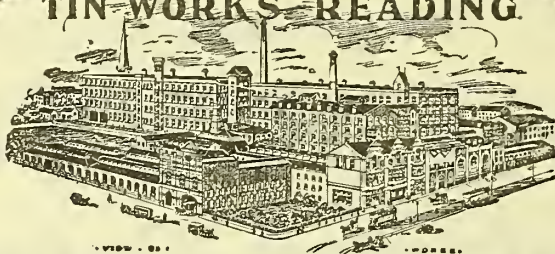
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MAKERS OF HIGH CLASS.
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**BOWLING
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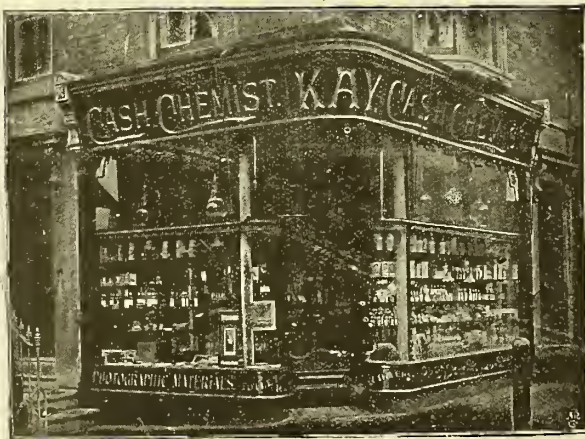
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Best work only at popular prices.
See the shops fitted in our
modern style with the American
Soda Fountains and Drinking
Counters. Windows altered for
the display of goods—a speciality.
Send for Estimates, free.
Our Modern Windows will pay
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Write to us, and we will do the
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ESTIMATES FREE.

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UP - TO - DATE ARTISTIC DESIGNS.

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GOOD advertisers are always on the look-out for new opportunities. They are invariably interested, therefore, in the Special Issues of THE CHEMIST AND DRUGGIST. The Summer Issue this year (to be published on July 31) will be also the Jubilee Number, and endeavours are being made to make it superior in literary and artistic interest to any of its predecessors. The historic character of this Commemoration Number will ensure its being kept for reference indefinitely by our readers in all parts of the world. Think of the value of an advertisement in an issue of so permanent a character! The Publisher has prepared an explanatory booklet which all progressive business-men should see. Business houses are invited to write for a copy and study the contents carefully. A postcard addressed to the Publisher will serve.

"VETERINARY COUNTER-PRACTICE" is a book written specially for veterinary chemists—a title which every registered chemist dealing in horse and cattle medicines is entitled to use. It is most helpful to all, informative, suggestive, practical, and it is published at the C. & D. Office for 4s., by post 4s. 4d.

Summary.

The subjoined paragraphs give the gist of the more important matters in this issue, with the object of showing at a glance what has happened during the week. See also "Contents" in the first column.

THIS ISSUE completes another volume of the C. & D., and we present with it a title-page and index, which are inserted between pp. 984 and 985. The index is fully 25 per cent. larger than the last volume one, and contains over 10,000 entries. Those who bind the volumes should tell the binder to place the supplement pages containing literary matter immediately behind the white-paper pages of the same week, thus visibly dividing the volume into weeks.

MR. W. TEMPLE COOPER, a well-known Oxford Street chemist, who retired some years ago, died this week, and we give some particulars of his interesting career (p. 972).

VIEWS OF MEDICO-LEGAL MEN on the Poisons and Pharmacy Act have been elicited by Mr. Wippell Gadd, who has addressed a meeting of the Medico-Legal Society on the subject (p. 967).

DR. T. E. THORPE, C.B., Principal of the Government laboratories, is to be Dean of the Imperial College of Technology at South Kensington, and will shortly vacate his present office.

OXIDATION DERIVATIVES OF ALKALOIDS have been added to by Dr. F. L. Pyman, of Dartford, who, in a paper communicated to the Chemical Society, describes the product obtained by the oxidation of laudanose (p. 983).

SCOTLAND now has public inquiries, like coroners' inquests in other parts of the United Kingdom. These are held under the Fatal Accidents and Sudden Deaths Act, and two inquiries are reported on pp. 969-970.

"XRAYSER'S" principal topic this week is the profits in the wholesale trade, *a propos* of the flotation of Wright, Layman & Umney's preference shares (p. 977), which, we note, have been over-subscribed, chemists having asked for the lot (p. 972).

THE COURT OF SESSION, Edinburgh, has made an important ruling as to the sale of sponges. A traveller for the International Sponge Co. sold three cases below cost and appropriated the money. The judge has decided that the purchaser must pay again at cost price (p. 971).

THE Pharmaceutical Society's members in Scotland met in Edinburgh last week and elected a new executive. Mr. J. P. Gilmour, the Chairman, in his address dealt with Section 2 licences. In London the School of Pharmacy prizes were presented on Wednesday (p. 981).

A SERIES OF SUMMER OUTINGS are reported in our Coloured Supplement. When photographs of such parties are taken they are not suitable for reproduction unless they are good half-plates. Those received this week have been small snapshots, and on reproduction would not flatter the individuals.

AS WAS FORESHADOWED in the C. & D. a month ago, the motor-spirit duties are to affect chemists who sell benzene. Some Revenue officers say they are required to take out a dealer's 5s. licence. We protest against this, and suggest an amendment which would conserve the present position without hurting the motor-spirit taxation (p. 980).

THOSE who are pessimistic about the Poisons and Pharmacy Act may be interested to learn that the Board of Customs and Excise have instructed Revenue officers to strictly apply the provisions of Section 3 to companies and co-operative bodies who sell spirituous medicines and medicated wines. Thus shops belonging to them which are not managed by qualified chemists must be licensed for the sale of spirits and wines. See the article on p. 976.

THE approaching end of the half-year has affected the course of business somewhat on the markets this week, and changes have been few. Quicksilver is 2s. 6d. lower, but mercurials are unaltered. Burdock, valerian, chamomiles, castor oil, benzols, and ammonia sulphate have more or less advanced. Carbolic acid and cassia oils are easier. The activity in menthol and peppermint oil has subsided, but market is firm (p. 986).

IN PARLIAMENT the new duties, especially on spirits and licences, continue to call forth questions and answers, some of them being of direct interest to the drug-trade. We report them on p. 975, where also will be found the text of the new Anæsthetics Bill introduced this week. This limits the administration of anæsthetics to registered dentists and medical practitioners. Others who are in the habit of using them should look to their rights.

Corner for Students.

CONDUCTED BY LEONARD DOEBIN, PH.D.

Students, please note. All communications should be addressed to the Editor of "The Chemist and Druggist," 42 Cannon Street, London, E.C.

All communications and reports must bear the names and addresses of the writers, not necessarily for publication. The reports of those who ignore this rule are liable not to be dealt with.

REPORTS.

THE powder distributed to students on May 26 consisted of equal parts by weight of aluminium oxide, barium carbonate, and barium oxalate. The calculated composition of such a mixture is:

Al	...	...	...	...	17.7
Ba	...	...	...	...	42.0
CO ₂	...	...	...	...	10.1
C ₂ O ₄	...	...	...	...	12.0
O	...	...	...	...	15.7
H ₂ O	...	...	...	...	2.5

100.0

The powder also contained, as impurities, well-marked traces of calcium and of the sulphuric-acid radical, the former being present in the barium salts used and the latter in the aluminium oxide. A recognisable trace of a chloride was also present.

Samples of the powder were distributed to twenty-eight students, and eleven reports were sent in for examination. All of our correspondents succeeded in recognising the presence of the aluminium. The failures in the detection of the other main metallic and acidic constituents were: Barium, 1; carbonic-acid radical, 1; oxalic-acid radical, 6. The traces of calcium and of the sulphuric-acid radical were each missed by four correspondents.

The standard of marks gained is distinctly lower, on the whole, than last month, a fact which is no doubt accounted for by the decidedly more difficult character of the exercise. When boiled with hydrochloric acid the powder did not entirely dissolve, a small residue, consisting of aluminium oxide and barium sulphate, or of the latter alone, always remaining. On meeting with the difficulty of obtaining complete solution in this way the majority of our correspondents proceeded at once to the fusion of the original powder with sodium carbonate as a means of effecting its disintegration. The fused mass was then extracted with boiling water. In several instances the aqueous solution so obtained was next examined for acid radicals only; but this was not analytically sufficient, since the aqueous extract actually contained a considerable proportion of the aluminium, and it would also have contained potassium had this been present in the original powder. Both of these should have been sought for in this solution. Then in a number of cases the only test that was made for the oxalic-acid radical was applied to this same solution, but this also was analytically defective, since the temperature of the fusion with sodium carbonate was high enough to effect the decomposition of the oxalate present. A solution to be tested for oxalate should have been prepared by simply boiling a portion of the powder for some time with a concentrated solution of sodium carbonate, filtering, and acidifying with acetic acid. The small quantity of the sulphuric-acid radical present could only be detected by examining the solution obtained after fusing with sodium carbonate, and it was easily overlooked unless some degree of care was exercised in looking for it.

The portion of the original fused mass which did not dissolve in boiling water was readily dissolved by dilute

hydrochloric acid and yielded a solution to be tested for metallic radicals. This solution contained the remainder of the aluminium along with the barium and the small quantity of calcium, and it presented no analytical difficulty apart from the somewhat delicate treatment necessary to separate and recognise the calcium.

Several errors were made in reporting the presence of constituents which the powder did not contain, while one or two students were unable to say whether the calcium they found was present in the powder or was introduced in the course of their analyses. The only important points in connection with these different matters have been referred to in the replies to individual correspondents.

PRIZES.

The First Prize for the best analysis has been awarded to WM. McGRAY, 15 Exeter Street, Pallion, Sunderland.

The Second Prize has been awarded to GEORGE HARDING, 5 Dacre Street, Morpeth.

First Prize.—Any scientific book that is published at a price not greatly exceeding half-a-guinea may be taken as a first prize.

Second Prize.—Any scientific book which is sold for about five shillings may be taken as a second prize.

The students to whom prizes are awarded are requested to write at once to the Publisher naming the book or books they select.

MARKS AWARDED FOR ANALYSES.

Wm. J. McGray (first prize)	...	...	88	Cypselia	...	...	72
Geo. Harding (second prize)	...	...	86	Pharmacy	...	...	72
Rob Roy	...	...	85	Ketone	...	...	69
Cormophyte	...	...	83	Duorts	...	...	67
Adac	...	...	79	Validol	...	...	55
				Strophanthin	...	...	39

TO CORRESPONDENTS.

W. J. McGRAY and GEORGE HARDING.—You would both have obtained considerably higher marks had you not, along with two other students, reported the presence of phosphoric acid. In view of such weight of evidence we made a most careful examination for phosphoric acid, but failed to get any indication of the presence even of a trace.

ROB ROY and CORMOPHYTE.—We were not able to obtain the reaction for potassium which you describe. Read also the answer immediately preceding.

ADAC.—You tested for an oxalate in the solution prepared from a portion of the powder which had been fused with sodium and potassium carbonates, overlooking the fact that any oxalate originally present would be decomposed at the temperature of the fusion.

CYPSALA.—The change to grey which you observed on heating the powder in a dry test-tube should have led you to suspect the presence of an oxalate, as this is a somewhat characteristic change which most oxalates exhibit. The effervescence on warming the powder with concentrated sulphuric acid was due to the decomposition both of the carbonate and of the oxalate, the former yielding carbonic anhydride and the latter the same gas mixed with carbonic oxide. The precipitate you supposed to consist of "silica" really consisted of aluminium hydroxide. Your report gives a fairly clear account of what you did and of what conclusions you arrived at, and, as a first attempt, is satisfactory. The actual form of the report is of little consequence so long as it is clear, precise, and concise. Read also the reply immediately preceding.

PHARMACY.—We were not able to confirm the presence of a nitrate, which you report. Read also the reply to "Adac."

KETONE.—You do not appear to have applied any special test for an oxalate, or to have suspected its presence from the behaviour of the powder when heated with concentrated sulphuric acid.

DUORTS.—Note that the aqueous extract from the mass obtained on fusing the powder with sodium carbonate contained a large part of the aluminium. The precipitate you mistook for lead chloride consisted of barium chloride, which is very sparingly soluble in moderately concentrated hydrochloric acid; on dissolving it in boiling water and adding dilute sulphuric acid to one part of the solution and potassium chromate to another, you obtained precipitates of barium sulphate (white) and of barium chromate (yellow), which you mistook for lead sulphate and lead chromate respectively. It is seldom that a mistake in analysis has so much apparently good evidence in its support. Had you added potassium iodide to a

third portion, you would have failed to obtain a yellow precipitate resembling lead iodide, and you might have recognised your error.

VALIDOL.—We have been puzzled by several points in your report, among them your failures in detecting carbonic and oxalic acids, both of which appear to have been tested for with considerable care. We are at a loss to account for your apparent evidence for the presence of a peroxide, and consider your failure to find hydrogen peroxide in a solution in which you expected to find it to be almost the only satisfactory feature with respect to this matter.

STROPHANTHIN.—We cannot do better than repeat our advice of last month, that you should prepare a mixture in imitation of the current exercise and practise upon it until you have mastered the peculiarities of its behaviour in the routine analytical treatment.

SUMMER ARRANGEMENTS.

The exercise now reported on is the closing one for the present. During the months of July, August and September we shall publish in this column special articles of interest to students. The analytical exercises will be resumed at the beginning of the winter session, and intimation of the first one will be made towards the end of September.

English and Welsh News.

Local Newspapers containing marked items of news interesting to the Trade are always welcomed by the Editor.

Brevities.

It is expected that the early closing of chemists' shops in Liverpool will start in a few days.

Messrs. Lander & Smith, chemists, 17 High Street, Canterbury, were awarded a certificate of merit in the window-dressing competition under the auspices of the local Chamber of Commerce.

A disastrous fire at Bromley (Kent), on the afternoon of July 21, involved eleven shops, of which two were burnt out. Three cottages were also destroyed. The premises of Winton's drug-stores were damaged by fire and water.

Seven of the medical officers in the Stourbridge Union have asked the Guardians to meet them in the increased cost of drugs consequent upon higher duties. The Guardians have referred the request to the Finance Committee for consideration.

Eight valuable cattle on a Kawkstone (Salop) estate were found to be suffering from symptoms of poisoning, and seven eventually succumbed. *Post-mortem* analysis showed that arsenic was the cause of death, and its origin has been found to be a partially empty tin of weed-killer.

The London County Council consented on June 22 to the erection of a building by the Crown Perfumery Co. on the eastern side of Sidney Road, Homerton, and also to the erection of a glass sign in front of the premises of Messrs. Garman Bros. at 180 Roman Road, Bow, E.

In the Shoreditch County Court on Tuesday, June 22, Judge Smyly, K.C., on the application of the City of London Wood Wool Co., Plover Works, Gainsborough Road, made an order against Chas. Phillips, of the Royal Standard Perfumery Co., 35 Danbury Street, Islington, under a judgment summons for money due for goods supplied.

Herbert Green, a chemist's assistant, was at West Hartlepool sent to a month's hard labour, which is to follow a sentence of three months imposed by the Stockton magistrates for thefts from churches. The prisoner was next day sentenced to three months for two thefts at Middlesbrough, and it is stated that he is also wanted at Jarrow and Sunderland.

Mr. J. C. Hewlett (of Messrs. C. J. Hewlett & Son, Ltd.), as Chairman of the Beckenham Urban District Council, welcomed the Rochester Diocesan Conference which was held at Beckenham on June 15 and 16. The local Press states that the members of the Conference carried away pleasant recollections of the hospitality accorded to them

on the Conference's first visit to Beckenham. Mr. Hewlett throughout took a prominent interest in the matter, and he and Mrs. Hewlett held a reception and garden-party at "Hillside House" on June 16, when about 400 visitors enjoyed the beauties of the lovely grounds under splendid weather conditions. Mr. Hewlett also presided at a mass meeting on June 16 in protest against the Welsh Disestablishment Bill.

At the inquest at Burnley on June 18, respecting the death of Alice Pickover (64), Hiram Clough, herbalist, of 47 Bradshaw Street, who supplied a bottle of medicine which was found by the deceased's side, stated that it was for a cold and pains in the head. It contained about 30 drops of carbolic acid and a quarter of a teaspoonful of cascara, the remainder being water. About one tablespoonful of the mixture had been taken. He never labelled the mixture "Poison." The inquiry was adjourned for a *post-mortem* examination and also an analysis of the mixture. When the inquiry was resumed on June 21, it was stated that the *post-mortem* examination revealed no signs of carbolic-acid poisoning. The foreman suggested that the mixture should be labelled poison, but Dr. Ritchie said it was not usual to apply "poison" labels to such a small quantity of poison, while both agreed there should have been some directions on the bottle. A verdict of natural death was returned.

At the Bradford Police Court on June 18, Chas. F. Forshaw, dentist, 4 Huestler Terrace, Bradford, was summoned for assaulting George Ellison. It appeared from the evidence that they had been together on the previous evening, and, according to the defendant, after visiting several public-houses, they went to defendant's house, where a conversation about a cartoon of Forshaw in the "Free Lance" was discussed, defendant and his wife objecting to it. Plaintiff said in his evidence that Forshaw let fly at him without any warning, sending him spinning to the floor. When he got up in about five minutes, he was bleeding from the mouth and his teeth were loosened.—Mr. J. F. Hirst, who appeared for the defendant, elicited from the plaintiff that, if there was anything that had hurt Mrs. Forshaw's feelings, he deeply regretted it.—The Stipendiary Magistrate then interposed to ask if it was too late for the parties to shake hands. Eventually regret was expressed on both sides, and the Magistrate concluded the proceedings by remarking, "Mutual regrets and mutual apologies—the case is withdrawn."

Poisons and Pharmacy Act, 1908.

Mr. H. Wippell Gadd, of the Middle Temple and Exeter, read a paper on this Act before the Medico-Legal Society, 22 Albemarle Street, London, W., on Tuesday evening, June 22. Mr. Gadd (who has recently passed the Final examination for call to the Bar) looked at the Act in its relation to the public health and safety, and, therefore, referred especially to the changes in principle exhibited by the new poisons schedule and the provisions regarding the sale of poisons covered by Section 2 when the vendor is not a registered chemist, but licensed by a local authority. We may quote from this useful communication later. In the discussion which followed

Dr. Stanley Atkinson said it would be interesting to notice whether in the next report of the Registrar-General there was any increase in the number of suicides and accidental deaths due to poisonous preparations used in agriculture and horticulture.

Mr. R. A. Robinson, barrister-at-law, called special attention to Section 5 and the powers given therein to the Privy Council to make regulations as to the sale of mineral acids and soluble salts of oxalic acid. He thought the Medico-Legal Society might usefully make recommendations as to what in their opinion such regulations should include.

Dr. Hubert Biss thought the Act a most iniquitous statute. All proposed pharmaceutical legislation which had been brought forward in the interest of the public health had been watered down to suit commercial interests. Company chemists did nothing for pharmacy, but simply sold what they could with the least trouble. He thought it shameful that the personal title of "chemist" had been given to corporate bodies, while the title

pharmacist," which was of no use, because no one understood it, was restricted to individuals.

The Chairman (Dr. Scott) said, in his opinion, it was a very serious matter to allow persons who were uneducated, or at least who had received no professional or technical training, to sell poisonous substances.

Darwin Centenary.

The Cambridge University celebrated this event on Tuesday, Wednesday, and Thursday of this week, two hundred and thirty-five universities, academies, and learned bodies at home and abroad being represented by delegates. Lord Rayleigh, Chancellor of the University, held a reception in the Fitzwilliam Museum on Tuesday evening, and in the Senate House on Wednesday the delegates presented addresses. Amongst the delegates were Dr. F. B. Power, LL.D., Ph.D., F.C.S., director of the Wellcome Chemical Research Laboratories, who represented the Wisconsin State University, and Mr. G. Claridge Druce, Ph.C., M.A., for the Ashmolean Natural History Society of Oxfordshire; but pharmacy was not otherwise represented in the delegation. Dr. Power was the guest of the Master and Fellows of Emmanuel College during his stay in Cambridge. It was at that college that John Harvard (the founder of Harvard University, U.S.A.) and also several of the Pilgrim Fathers were educated.

Dispensers' Appointments.

The question of the appointment of Mr. J. T. Hayward as dispenser by the West Ham Guardians (*C. & D.*, June 19, p. 932) has been sent back to the Staff Committee.

Mr. Walter M. Cooper, Ph.C., assistant dispenser at the University College Hospital, London, W.C., has been appointed as senior dispenser at the National Hospital for the Paralysed and Epileptic, Queen Square, Bloomsbury, W.C. Mr. Cooper served his apprenticeship with Mr. G. T. W. Newsholme, of Sheffield.

For the Radium Institute.

The advertising department of the British Metalliferous Mines, Ltd., is smart. On Monday most of the papers announced that the company had got an order from Viscount Iveagh and Sir Ernest Cassel for 7½ grams of pure radium bromide at 30,000*l.* the lot. Messrs. Buchler & Co., of Brunswick, will make the article from the Cornish pitchblende, under the superintendence of Professor Giesel, their chief chemist, etc. All this publicity for nothing, and in some papers that charge a sovereign a line for social paragraphs!

[It is regrettable that a British institution should be the means of exporting from the country a large amount of material mined in Britain which could be worked in the country into radium bromide.—EDITOR *C. & D.*]

Birmingham.

Mr. J. F. Liversidge is to arrange scientific lectures for Band of Hope workers in Birmingham during the coming autumn.

It is interesting to observe that the sale of tooth-brushes and dentifrices is extending, and, unfortunately, to the drapers and drycleaners.

Chats with members of the medical profession during the past few weeks show that business is very slack with them, so much so that many have decided to take their holidays at once, or are attending post-graduate lectures at the 'Varsity for the much-coveted D.P.H. diploma.

Good business is being done by letting traders' windows for the King's visit, but the pharmacists on the official route have decided not to do so, but to reserve them for their immediate friends. Tempting offers have been made to several of them who have commanding positions, but in vain.

Dispensing is becoming a very troublesome occupation demanding much research and inquiry. Two instances this week crossed the counter of one of the leading pharmacies which necessitated much inquiry and delay. "Pigment: Iodi oleat," and "mist. pot. c. rheo" were ordered. Happily the cordial relations existing between physicians and pharmacists lessened these difficulties.

Sir James Sawyer, M.D., F.R.C.P., 31, Temple Row, has reprinted a paper recently contributed to the "Midland Medical Journal" on the Great Plague of London in 1665. Sir James, in this article, includes the orders then issued by the City of London authorities, which he regards as very

suggestive to the modern sanitarian who is concerned in arresting the epidemic diseases and their extinction. We give the concluding paragraph of the reprint: "The arrest of the spread and the final extinction of the Great Plague of London was due to the complete efficiency of the energetic measures which were taken by the very intelligent public authorities of the time. This extinction is one of the greatest of the hygienic triumphs of which we have record."

Manchester Notes.

Business in Manchester is very quiet, the general feeling being that the surrounding towns are doing far better than the city.

A proposal is on foot to have a chemists' picnic this summer, and although official sanction for it is not forthcoming it may come off.

Scarlet fever and measles are very prevalent in Manchester and surrounding districts at present. The usual crop going to the chemist to be prescribed for.

The 100,000*l.* wanted to clear the cost of the New Infirmary has been obtained in about eighteen months. The Lord Mayor headed the list with 1,000*l.* and promised another 1,000*l.* when 99,000*l.* had been obtained.

Chemists and others are undecided how long to close during the King's visit to open the New Royal Infirmary on July 6. None of the Exchanges are to close, as it is market day, but the Banks will close from 11 A.M. for the rest of the day.

Contracts.

Hull Guardians.—Mr. G. G. Johnson, Hull, appointed druggist for six months.

Burslem Guardians.—Mr. A. P. Tiley, chemist and druggist, 35 Market Place, Burslem, for drugs.

Wisbech Guardians.—Mr. Major Hill, chemist and druggist, 109 Norfolk Street, Wisbech, for drugs.

Alton (Hants) Urban Council.—Messrs. Trimming & Co. and A. J. Monk & Son, for the hospital drug supply.

St. Ives Guardians.—Mr. H. Barton and Mr. H. S. Turner, pharmacists, for the supply of chemists' sundries.

Northfleet (Kent) Urban Council.—Millhouse & Lincoln, for disinfecting-powder, at 6*l.* per ton, and sulphate of iron, at 3*l.* 1*s.* per ton.

Dover Town Council.—Mr. A. H. Cartwright, chemist and druggist, 104 Snargate Street, Dover, for the supply of chemists' goods at 37½ per cent. below schedule prices.

Paddington Guardians.—Hodgkinson, Prestons & King, for the supply of drugs at 29*l.* 12*s.* 5½*d.* for the indoor dispensaries, and at 90*l.* 4*s.* 10*d.* for the outdoor department.

The Public Health Committee of the Camberwell Town Council has decided to ask the Metropolitan Asylums Board to supply diphtheria antitoxin at cost price. The amount used by the Town Council amounts to the value of about 14*l.* per annum.

Isle of Wight Guardians.—Burgoyne, Burbidges & Co.; Corbyn, Stacey & Co., Ltd.; Hodgkinson, Prestons & King; Timothy White Co., Ltd.; Mr. A. Millidge, Ph.C., 47 High Street, Newport; and Mr. W. H. Hewett, chemist and druggist, 33 High Street, Cowes, for druggists' goods.

National Cash Register.

Another meeting was held at the Law Association Rooms, Liverpool, on June 22, Mr. William Knowles, Chairman of the Register Users' Committee, presiding. The letter sent to the National Cash Register Co., Ltd., was read, and the following reply from the Company:

We regret that since receiving your letter of the 10th inst. the matter has passed out of our hands entirely. Certain parties have brought an action against us which will be decided in the High Court, and until then we are legally advised that we must not prejudice our case by making any allowance pending a decision.

The meeting resolved to bring a test action against the Company, and to open a guarantee fund for this and other purposes, the contributions of members to be 5*s.* for one register, and 2*s.* 6*d.* for every additional register, but not exceeding 2*l.* A meeting, convened by Mr. H. E. Reed, Vice-Chairman of the Licensed Victuallers' Central Protection Society of London, was also held at the Holborn Restaurant on Thursday, June 24.

Cricket.

British Drug Houses C.C. v. Burgoyne's C.C.—At Crofton Park, on June 19. Scores : British Drug Houses, 73 (Bridger, 18) ; Burgoyne's, 108 for three wickets (Revell, 36 ; Clarke, 32, not out).

Stevenson & Howell C.C. v. Baiss Bros. & Stevenson C.C.—On the former's ground at Wormholt Farm, Shepherd's Bush, on June 19. Scores : S. & H., 53 ; Baiss Bros., 13. For the victors A. Line (captain) contributed 25 runs, while A. Baynton took nine wickets for 3 runs.

The return match of the Leicester and Nottingham cricketing chemists took place at Leicester on June 17, Nottingham being anxious to revenge the defeat which it suffered in May. After an interesting game Leicester won, the scores being : Leicester 69, Nottingham 50. After the match the teams took tea together in the large pavilion attached to the grounds, many visitors being present. Mr. F. J. Brett was chairman. A few speeches were made, and then an impromptu concert was held. The half-day's holiday was thoroughly enjoyed, the weather being ideal.

Leeds Chemists' C.C. v. Sheffield Pharmacy A.C.—This annual match was played at Leeds on June 17 in splendid weather. The visitors batted first, and compiled a total of 80, Messrs. Twelves, Tidsley, and Lansdell being the chief scorers. The Leeds men made a capital start in obtaining 70 runs for six wickets, but Knowles and Coates with some excellent bowling got rid of the last four batsmen for 6 runs, and secured a victory for the "Blades" by 4 runs. The visitors were afterwards entertained to dinner at the Grand Restaurant, and the enjoyable day's outing ended in a smoker.

Irish News.

Local Newspapers containing marked items of news interesting to the Trade are always welcomed by the Editor.

Personal.

Mr. James Harper, pharmaceutical chemist, late of Montague Street, Dublin, has opened a pharmacy at Kenilworth Buildings, Harold's Cross Road, Rathmines and Rathgar Township.

At the annual meeting of the Belfast and Co. Antrim branch of the Royal Medical Benevolent Fund Society on June 18, Sir William Whitla, L.P.S.I., was appointed a member of committee.

Councillor William McMullan (Messrs. Thos. McMullan & Co., wholesale druggists, Victoria Street) and Mr. D. W. Elliott, pharmaceutical chemist, Shaftesbury Square, Belfast, have been elected to seats on the Central Committee of the newly formed South Belfast Unionist Association.

Mr. Jas. Haslett (of Messrs. J. & J. Haslett, chemists and druggists, North Street, Belfast) was examined at a Local Government Board inquiry in Belfast last week relative to an application by the Castlereagh Rural Council for a loan for sanitary improvements at Cultra. He said that unless certain works were carried out proceedings would be taken against the Council, as he considered he had been very patient in the matter.

Window-smash.

At Belfast Quarter Sessions on June 22, Mary Ann Daly was sent to prison for three months for breaking a plate-glass window, value 7l., in the shop of Messrs. Boyd & Co., pharmaceutical chemists, Lisburn.

Sale of Copper Sulphate.

The Department of Agriculture and Technical Instruction have found it necessary to issue a statement that no poison-licence is required for the sale of copper sulphate. This has probably been rendered necessary from the public statements that have been made during discussions on the granting of poison-licences. It is rather curious to find from a letter in the "Irish Times" that at least one large chemical firm is under the impression that there is a movement on foot to restrict the sale of copper sulphate. A little inquiry at Lower Mount Street would have prevented any misapprehension in the matter.

Guardians' Doings.

Mr. P. J. Fielding, pharmaceutical chemist, 66 St. Patrick Street, Cork, has been declared contractor for the supply of medicines and surgical appliances to the South Charitable Infirmary and County Hospitals, Cork.

A complaint regarding the non-delivery of drugs to the Carney dispensary of the Sligo Board of Guardians has been investigated and found to be due to the fact that the contractors—Messrs. Sumner, Liverpool—sent the goods to the address given on the Board's requisition.

The Galway Guardians are investigating the circumstances connected with the theft of a large quantity of tincture of orange from one of their dispensaries. A porter connected with the establishment has confessed that he took the tincture, and he has been asked to explain his conduct.

The Local Government Board have directed the Ennis Guardians to readvertise for a contractor for medical and surgical appliances. The Guardians had offered the contract to Messrs. J. Clarke & Co. at the terms contained in Mr. White's tender, but the L.G.B. will not allow this method to be pursued.

Scots News.

Local Newspapers containing marked items of news interesting to the Trade are always welcomed by the Editor.

Aberdeen and the North.

Mr. Robert Leslie, chemist, 627 George Street, Aberdeen, has taken over the business carried on by Mr. John Sharp at 66 Sunnybank Road, and is continuing it as a branch. The two businesses are situated in the Kittybrewster district.

The following appears in the Aberdeen "Weekly Free Press" of June 19, and affords a typical example of "the blind leading the blind" :

In rural parts too little attention is paid to passing events in Parliament, and no attention is paid to Acts of Parliament that have a bearing on the common everyday life of the people. . . . Farmers rely on country merchants to supply certain very common drugs which are often required for cattle and horses, but no merchant can keep those in stock now without a licence, and many of them will not stock poisonous articles. To procure a licence is too much trouble, and the patronage given to a country merchant by his neighbours is not so great or so constant as to induce him to endeavour to meet their wants in this direction. I am told that such a common requirement as turpentine is included in the list of articles that cannot be sold without a licence, and I would say that this is rather hard, since turpentine is a very useful application to man and beast.

An inquiry was held on June 17 by Sheriff Young into the death of John Philip Smart, the seven-months-old child of Robert U. Gall, of Ballater. The infant's mother deposed that on May 21, as the child was "fretty," she gave him a "poison-powder" in mistake for a teething-powder, which she intended to administer. The "poison-powder" had been placed in the teething-powder box two days before, during a removal to another house. The child died in convulsions half an hour after the powder was given. The father stated that he bought some rat-poison about two months previously. It was properly labelled, but in the course of use the label had fallen off. Mr. Jas. Halket, chemist and druggist, Ballater, said he sold the previous witness $\frac{1}{4}$ oz. of strychnine on March 4 for poisoning rats. The powder was wrapped in white paper, and a red "poison" label placed on the packet. He warned Mr. Gall to be careful in using it and to destroy any that was left over. In reply to questions by the Sheriff, witness said it would be safer to sell such a poison in a bottle. It was usual when large quantities were sold, but small quantities were generally put up in paper packets. The jury found that death was due to accidental poisoning.

Dundee.

The Dundee Directory, just issued, recognises the new title in the list of trades thus, "chemists, druggists, and pharmacists."

A considerable amount of feeling has been aroused among registered dentists on account of the aggressive methods to obtain business adopted by unregistered operators. Can-

vassers are extensively employed by the latter, and they are said to be as persistent as those in any other line.

The Wednesday afternoon closing scheme is not working smoothly. A demonstration took place on June 16 in front of premises which were not closed. Sandwichmen paraded, and leaflets were distributed requesting the public not to shop between two and seven o'clock. As another firm has intimated that they would not continue to close if any coercive measures were adopted, it is probable that general closing will come to an end in the centre of the city. This in no way affects the arrangement among chemists in the suburbs. They close every Wednesday afternoon all the year round.

At a meeting of the Royal Society of Edinburgh on June 21, Professor C. R. Marshall, of University College, communicated papers on "The Pharmacological Action of Protocatechyltropine" and on "The Toot-poison of New Zealand: an Investigation into its Pharmacological Action." The toot-poison includes three definite species of coriaria, and has proved a serious hindrance to the rearing of stock in New Zealand. The active principle, isolated by Easterfield and Aston, is a glucoside named tutin. The physiological effects of this were described, and it was stated that the decomposition products of tutin have no important pharmacological action.

Edinburgh.

Messrs. T. & H. Smith (Lim.) have received official permission to make extensions to their new works at Gorgie.

Claims against the late Mr. James Scobie, chemist, 38 Shandwick Place, Edinburgh, are to be lodged with Mr. Adam Beattie, solicitor, 1 Strathfillan Road, Edinburgh.

Dog-poisoning by strychnine has started again in the western district of the city. For several summers many such poisonings have occurred, and a couple of years ago operations were extended to the county, and several cattle destroyed. The strange thing is that no arrests have ever been made.

The third botanical excursion of the Edinburgh Chemists', Assistants', and Apprentices' Association took place to Cramond on Friday, June 18, when a party of over thirty members, under the leadership of the President (Mr. E. J. Brown, Ph.C.), travelled to Barnton Station from Princes Street.

The Edinburgh Chemists' Golf Club held a "bogey" competition over the Braids golf course on June 17 with the following results:

First, second, and third, a tie, Messrs. G. Baxter, J. Manson, and C. Stewart, three holes down; fourth, Mr. A. Douglas, four holes down. On playing off the tie, Mr. C. Stewart was first, Mr. J. Manson second, and Mr. G. Baxter third.

The finalists for the hole-and-hole competition are Mr. A. F. Dawson and Mr. Wm. Gibb.

Fife-shire.

The shop of Mr. John Buchanan, chemist and druggist, Station Road, Windygates, was broken into one night last week, but the burglars got no money.

At Cupar, Fife, on June 22, Sheriff Armour and a jury held an inquiry regarding the death of the wife, aged twenty-eight, of Samuel G. Thresher, Leven, following upon the extraction of three teeth-stumps by Mr. James F. D. Moncur, one of the staff of the Hygienic Institute, Glasgow. The evidence showed that deceased was a healthy woman. Mr. Moncur said he had served his apprenticeship with Messrs. Cromar, dentists, Aberdeen, but was not registered. He had long experience as an operator, and used aseptic precautions in operating, sterilising his instruments with boiling water and lysol, while a new needle was taken on each occasion that a local anæsthetic was used. He washed out Mrs. Thresher's mouth with potassium permanganate solution after the operation. Dr. Balfour Graham, of Leven, was of opinion that death was due to septic poisoning, and attributed this to infection by improperly sterilised instruments. He condemned in strong terms practice by unqualified men. Dr. Jason, who had also attended Mrs. Thresher, corroborated. In defence of the Institute evidence was given by Drs. McBryde and Beatson, Glasgow, and by patients in Leven who had been operated on by Mr. Moncur the same day

as Mrs. Thresher without ill effects. The Sheriff summed up, and concluded by telling the jury it would be wise if they did not find a verdict implying fault, unless they were perfectly satisfied on the evidence that fault existed. The jury found that death was due to blood poisoning. In reply to the Sheriff the foreman stated they could not find evidence to warrant them attaching blame to Mr. Moncur, nor could they take upon themselves to entirely exculpate him.

Glasgow.

Quite a number of chemists were among the candidates at the B.O.A. examinations held this week in Glasgow.

The summer meeting of the Association of Technical Institutions was opened in the Technical College, George Street, on Wednesday, June 23, Dr. G. T. Beilby, F.R.S., Principal of the College, presiding.

A part of the new buildings of the Royal Infirmary was opened on Wednesday, June 23, by the Lord Provost. Mr. Rickman J. Godlee, F.R.C.S., London, delivered an address, in the course of which he mentioned that Lord Lister (his uncle) is not a Scotsman but a Londoner, yet Glasgow is the Mecca to which his admirers and devotees should direct their pilgrimage.

French News.

(From the "C. & D." Paris Correspondent.)

BERTHELOT MONUMENT.—Among the recent subscribers to the international fund for providing a monument to the late Professor Marcelin Berthelot are Professor Sir James Dewar and the Royal Society of Pharmacy, Brussels. The total received up to date is 108,528f.

THE TARIFF BILL.—Further details in regard to the Tariff Bill which is now being discussed by the French Chamber of Deputies indicate proposals for a reduction in the existing duty on Formosan camphor, and an exemption from duty of raw sponges, crude cocaine, and liquid bromine. In deference to the representations of the Government, the Customs Committee has withdrawn its proposals to increase the tax on methylated spirit, white-lead, and "certain medical compounds." These proposals are contained in Article I. of the new Tariff Bill. Article II. provides that vegetable oils for industrial purposes may be admitted at the existing rates, and that oilseeds imported for the manufacture of industrial oils are exempt. Article IV. provides that foreign commercial travellers and their samples shall be liable to dues equivalent to those payable by French travellers in the countries of the foreign travellers.

PARIS SOCIETY OF PHARMACY.—At the meeting of this Society for the current month a letter was read inviting the Society to send delegates to attend the International Congress of Pharmacy to be held in Brussels in 1910. An interesting discussion took place on a report drawn up by M. Dumesnil on the list of poisonous substances in the new (1908) Codex. This report has been lithographed and distributed to all the members. No decision was, however, arrived at, as it was decided to go further into the matter next month. Dr. Vaudin referred to the fact that some Paris manufacturers of chemical and pharmaceutical preparations could not supply certain medicaments of the new Codex without a considerable increase in price. These firms ask for certain modifications, principally regarding sulphate of quinine. Professor Bourquelot mentioned that similar claims were made in the United States, and the Pharmacopœia Commission, having examined the matter, modified the requirements where they appeared to require it. From the practical point of view the French Government should charge a Commission with carrying out a similar work to that done in the United States, and the permanent Commission of the Codex which it is proposed to name would be quite suitable for such a work. M. Bourquelot suggested that the Society of Pharmacy might do useful work by hastening the appointment of such a Commission. It was finally decided that the subject should be further discussed at the next meeting.

Legal Reports.

Trade Law.

Buying Sponges from Travellers.—In the Court of Session, Edinburgh, on June 16, Lord Salvesen gave judgment in an action by the International Sponge Importers, Ltd., 45 Houndsditch, London, against Andrew Watt & Sons, 1 South St. David Street, Edinburgh, for delivery of three parcels of Turkey stable sponges, or, failing delivery, for payment of 314*l.* as their value. The evidence was that Henry Cohen, plaintiffs' traveller, sold defendants the sponges below cost-price, and induced them to give him cheques in his own name. Cohen did not account for the money, and criminal proceedings were taken against him and two other employes of the plaintiffs. The case for the plaintiffs was that the goods delivered to the defendants were in effect stolen by Cohen, or, at any rate, that he had no right to sell and deliver them to the defendants; that accordingly the property of the goods did not pass to them; and that, as the goods themselves had ceased to exist, the defendants were bound to account to the real owners for their value. The defendants, on the other hand, maintained that Cohen was a mercantile agent within the meaning of the Factors Act, and, being in possession of the goods which he professed to sell, that the defendants acquired an unchallengeable title by the purchases from him, followed by delivery of the goods; and, alternatively, that Cohen had expressed, or at least implied, authority to sell the plaintiffs' goods at whatever price he chose to fix; and that accordingly the sale by him to them transferred to them the property of the goods. Lord Salvesen decided against the defendants on both of their contentions. A traveller for a mercantile firm is no doubt an agent for that firm, but he is not a mercantile agent to whom the Factors Act applies. Until the sale was homologated by the plaintiffs by their sending an invoice—no invoice was sent in three cases—there was no sale binding upon the plaintiffs.

High Court Cases.

A HOMŒOPATHIC DISPENSE.

IN the Chancery Division on June 18, the action of Erust *v.* Erust was mentioned before Mr. Justice Neville on a motion supported on plaintiff's behalf by Mr. Petersen, K.C. Counsel explained that in October 1907 the plaintiff, Maurice Erust, and his father, L. Erust, established business and opened homœopathic consulting-rooms and dispensary at 15 Pall Mall East. The father subsequently retired from the business, and the plaintiff was joined in June 1908 by his brother Josef on terms embodied in an agreement. They continued to work jointly till February, 14, 1909, when they failed any longer to carry on business together amicably, and they parted upon terms contained in a written document. Josef subsequently set up business as the Loudon Homœopathic Institute at 12 Pall Mall East, a hundred yards from the plaintiff's rooms. On May 14, on plaintiff's motion, the Court granted an injunction restraining the defendant and his father, who had apparently been induced to join him, from intercepting letters addressed to the Institute at 15 Pall Mall East, and after that the defendant changed the name of his institute and used the German designation of the plaintiff's institute. Plaintiff now moved for an injunction restraining the defendant from using that name, or representing himself as in any way connected or associated with plaintiff's business or profession. Mr. Jenkins, K.C., on behalf of the defendant, said he had no desire to represent himself as in any way connected with the plaintiff or his business, and he (counsel) opened a discussion which matured in defendant undertaking without prejudice till judgment in the action, or till further order, not to use his name or description "Dr. Erust'sche Homœopathische Ordinationsanstalt" in connection with his medical business or profession, and not to represent that he was connected with or interested in the business carried on by the plaintiff under that name. This undertaking, however, was not to prevent the defendant from carrying on business under the name of the London Homœopathic Institute, or Dr. Josef Erust's London Homœopathic Institute. No order was therefore made on the motion, except that the costs should be costs in the action.

RAILWAY RATES.

IN the High Courts of Justice on Wednesday, June 23, the Railway and Canal Commission gave judgment in the action brought by Messrs. Brunner, Mond & Co., Ltd., chemical manufacturers, Winnington, Cheshire, against the Cheshire Lines Committee, to restrain the railway company from increasing their present rates of freightage, and to recover rebates on such freightage from the date of the increase. They declared that they had been charged certain terminal charges at their sidings at Winnington which the company had no right to charge, and they asked for a declaration to this effect and a rebate on the charges. The Commission held that applicants had made out their case. There was no justification for the withdrawal of the rebate, and it should be continued. They also ordered an adjustment of the account from the date of the alteration. Leave was given to apply.

Sale of Food and Drugs Acts.

PAREGORIC.

AT Drifffield on June 17, a summons against John Ashmore, for selling paregoric devoid of opium and 11.3 per cent. deficient in alcohol, was dismissed. Defendant's excuse was that the bottle he took the stuff from was labelled "Paregoric Mixture," and he had not time to label the bottle he gave to the purchaser before the latter revealed his identity. His solicitor contended that the paregoric was not sold, as the transaction was never completed, so defendant got the benefit of the doubt.

Dentists Act.

THE LONDON HYGIENIC INSTITUTE.

THE hearing of the action against this Institute (see *C. & D.*, June 19, p. 940) was resumed at the South-Western Police Court, London, on June 22. Mr. Ritch, for the defendants, said his clients had eighty depôts in various parts of the country, employing about a thousand hands. They had a quarter of a million customers and provided teeth on the instalment system. The circular complained of by the British Dental Association had been withdrawn, but he argued that it is not an extravagant expression to say one is an expert operator. Oscar Farkasch, Elm Park Crescent, Glasgow, one of the defendants, said he had never held himself out or his firm to be dentists or specially qualified. He understood the extraction was conducted painlessly.

Mr. Turner (for the B.D.A.): Have you a single registered dentist in your employ?—Yes, in London; I object to give the names in public, for if they were known they would be struck off the register for working for us. One dentist had already been so treated.

The Magistrate (Mr. Garrett) adjourned the hearing, but dismissed the case against Daniel Rosenschein on the ground that there was no evidence against him.

Deeds of Arrangement.

ELLIOTT, FREDERICK WM., Bolsover, near Chesterfield, Chemist and Druggist. Trustee, S. E. Short, Gurnam Gate, Chesterfield. Dated June 11; filed June 15. Secured creditors, 60*l.*; liabilities unsecured, 1,309*l.*; estimated net assets, 220*l.* Among the creditors are W. Cooper & Nephews, Berkhamsted (12*l.*), and Evans Sons Leseher & Webb, Ltd., Liverpool (427*l.*).

JARVIS, WILLIAM, 36 St. George's Road, Brighton, Chemist. Trustee, R. J. Ward, 2 Clement's Inn, Strand, London, W.C. Dated June 15; filed June 18. Composition of 7*s.* 6*d.* in the pound, guaranteed by a surety and further secured by an assignment upon trust, until default, etc. Liabilities unsecured, 1,064*l.*; estimated net assets, 425*l.* Among the creditors are Butler & Crispe (12*l.*); Burgoyne, Burbidges & Co. (22*l.*); F. Dorton & Co. (10*l.*); C. R. Flarker, Stag & Morgan, Ltd. (26*l.*); G. B. Kent & Sons, Ltd. (29*l.*); H. Silverloek (39*l.*); Sangers (92*l.*); Yardley & Co., Ltd. (32*l.*); Lion Drug-stores, Ltd., Brighton (15*l.*).

EVERLASTING MATCHES.—According to the "Daily Mail" of June 22, Herr Welsbach (inventor of the incandescent gas-mantle) has discovered an alloy of iron and thorium which, when struck on iron, emits a spark capable of igniting tinder. The new match will last almost indefinitely.

New Companies and Company News.

The letters P.C. mean Private Company within the meaning of the Companies Act, 1907, and R.O., Registered Office.

UNITED TAR AND CHEMICAL CO., LTD. (P.C.).—Capital 10,500*l*. The objects include entering into a contract with E. J. Fawke and J. P. Court for the acquisition of certain land at Hawthorn Road, Bootle.

HOMOIL TRUST, LTD.—Capital 150,000*l*., in 1*l*. shares. Objects: To acquire certain British patents relating to inventions for apparatus for carburetting "Homol," etc. R.O., 16 Victoria Street, Westminster.

H. N. MORRIS & CO., LTD. (P.C.).—Capital 20,000*l*., in 1*l*. shares. Objects: To take over the business of H. N. Morris at Gorton Brook Chemical-works, West Burton, Manchester. The first directors are H. N. Morris, C. Gardner, and J. H. Smythe.

HENRY ELLISON, LTD. (P.C.).—Capital 20,000*l*., in 1*l*. shares. Objects: To take over the business of H. Ellison, manufacturing chemist and tar and ammonia distiller, Cleckheaton. The first directors are H. Ellison, H. Ellison, junior, and F. Ellison. R.O., Whitechapel Road, Cleckheaton, Yorks.

DUN'S DRUG-STORES, LTD. (P.C.).—Capital 1,000*l*., in 1*l*. shares. Objects: To acquire and carry on the business carried on by the Anderston Apothecaries' Hall, 483 Argyle Street, Glasgow. The first subscribers are: Charles Wyllie, manufacturing chemist and capsule manufacturer, 5 Oswald Street, Glasgow; Alex. Taylor, chemist and druggist; Mrs. Mary Wyllie; Wm. Wyllie, assistant chemist; and John Wishart, accountant. R.O., 138 Bath Street, Glasgow.

PARKE'S DRUG-STORES, LTD.—The directors announce an interim dividend on the ordinary shares for the half-year ended March 31 at 6 per cent. per annum.

SOUTHALL BROS. & BARCLAY, LTD.—Owing to the recent retirement of Mr. Gilbert Southall from the directorate of this company, 12,000 ordinary shares of 1*l*. lately held by him were offered to the shareholders and customers at 2*s*. per share, and we understand that applications were received for 40,000 shares, which are at present quoted at 3*s*. on the local Stock Exchange.

MESSRS. WRIGHT, LAYMAN & UMNEY (1909), LTD., inform us that their offer of 60,000 1*l*. 6-per cent. preference shares has been over-subscribed, and lists of allotment and credit will be posted at the end of this week or the beginning of next. Before the advertisements were inserted in the daily papers the response from chemists and druggists was so large that the offer to the public could have been dispensed with.

BOOTS, CASH CHEMISTS (EASTERN), LTD.—The report for the year which ended on March 31, 1909, to be presented at the meeting on June 30, shows a net profit of 23,236*l*., to which has to be added the balance brought forward of 10,518*l*., making an available total of 33,754*l*. It is proposed to pay for management expenses 750*l*. Larger and better-equipped new branches, notably at Yarmouth, Retford, Doncaster, etc., account for special displacements and depreciation of fixtures and fittings at the older branches, which they replace, to the amount of 993*l*., provided out of the contingency reserve fund, to which fund it is proposed to carry 1,000*l*. out of this year's profits. The branch managers' (chemists) provident fund is to be increased by 1,000*l*., bringing it up to 17,185*l*., and 100*l*. is, as usual, to be given to medical charities. The following dividends have already been paid, viz.: 6 per cent. on preference shares, 6,000*l*., and second 5 per cent. preference shares, 5,000*l*. Over eight new branches have been opened during the year at Beeston, Matlock, Market Harborough, Broomhill, Sheffield, Retford, Doncaster, Yarmouth, and London Road, Nottingham, the latter four being to replace other branches given up. New branches are in course of preparation at Derby Road, Nottingham, and West Bar, Sheffield. The profit-and-loss account shows that 37,803*l*. was received during the year as profit from trading and rents, and 67*l*. from transfer fees. Repairs, renewals, depreciation, etc., amount to 13,835*l*., the auditors' fee was 105*l*., and income-tax 694*l*., leaving 23,236*l*., as stated above. The capital of the company is 300,000*l*., of which 280,000*l*. has been called up. With liabilities debtors' side of the account stands at 518,247*l*., including sundry creditors 77,855*l*., provident fund 16,185*l*., reserves 78,226*l*., depreciation fund 52,825*l*., and surplus from last year 10,518*l*. The assets comprise freehold shops, warehouses, and land 163,989*l*., leasehold and other properties, fittings, plant, etc., in 102 retail branches 200,734*l*., stock 114,832*l*., cash 12,311*l*., sundry debtors 1,810*l*., and goodwill 25,000*l*.; total 518,247*l*.

Agri-Horticultural Poisons.

Notices of Application

for licences under Section 2 of the Poisons and Pharmacy Act have been lodged with the local authorities named.

Subscribers and others would oblige us by sending information with reference to applications. Copies of newspapers containing the advertisements of applicants would also be esteemed.

ABERDEENSHIRE.—Dd. Knox, Cuminestown; Jas. Law (Alex. Morison), Turriff; James Strachan, Birley, Midmar—general merchants.

ANNAN (Dumfries).—Alex. Baird (A. Baird & Son), ironmonger, 25 High Street.

BARNSTAPLE.—Joan Trump, 87 High Street.

BROMLEY.—Alf. Davis, Southborough Horticultural Stores, Salisbury Road, Bromley Common.

CHITLEHAMPTON (Devon).—R. H. Vickery, blacksmith.

KIRK WALL.—John Scott, 17 Bridge Street; Thos. Flett (Jas. Flett & Sons), Bridge Street; Chas. McGregor, Broad Street; P. C. Flett, 21 Albert Street—ironmongers.

MAIDSTONE.—Thos. Bottle (Borough Nurseries), 8 Tonbridge Road.

MONTROSE.—Dd. Lackie and John W. Lackie (David Lackie, ironmonger), 39 High Street.

RYDE (I.W.).—Ed. Chas. Goble, nurseryman, Monkton Street.

SHETLAND.—Peter Georgeson, Forratwatt, Walls; Wm. L. Irvine, Wallacetown, Sandsting; Geo. G. Kay (D. & G. Kay, merchants), Lerwick, Scalloway, Vidlin, Burravoe, and Mid-Yell.

SITTINGBOURNE.—W. H. Filmer, corn merchant, 23 High Street.

SOUTH GODSTONE (SURREY).—G. W. Rogers & Son, Wren-cote Nursery, Carlton Road.

Consideration of Applications.

ABERDEEN.—The sub-committee of the Aberdeen Public Health Committee appointed to deal with applications for licences on June 22 decided to give interested persons an opportunity of expressing their views before the committee.

ABERDEENSHIRE.—Applications for licences for the county come before a meeting of a committee of the County Council to be held on Friday, June 25.

BLACKBURN.—The Watch Committee had referred back to them by the Council an application which they recommended for grant by a majority of one. On reconsidering the matter on June 21 the committee were equally divided, and as the Mayor declined to give the casting vote the matter was adjourned for another month. All the chemists of the district memorialised the Council.

BRADFORD.—Two applications from horticultural dealers have been recommended for refusal by the Watch Committee. The local Chemists' Association opposed them on the ground of non-necessity.

CAVAN.—The licence question came before the County Council recently. The whole of the discussion turned upon the sale of bluestone (sulphate of copper), under the impression that it came under the Poisons and Pharmacy Act.—The Secretary said four shopkeepers in Cavan had filed their applications, and also remarked in addition to his secretarial duties as a "commercial retailer" he sold bluestone. However, he threw no light on the subject, and a resolution of protest against the Act was passed.

FAVERSHAM.—The Town Council had before them on June 15 applications of Messrs. H. S. Tett & Co., Ltd., ironmongers, and F. T. Hart, nurseryman. A letter of protest, signed by Messrs. Withers, Relfe, Thomas, and Timothy White Co., Ltd., was read to the Council, stating the reasonable requirements were already met.—Alderman Holmes said he saw no reasonable grounds for refusing the licences.—The Town Clerk (Mr. Guy Tassell) said that both applicants were just as much existing vendors as the chemists. The statement that the Act was intended to specially provide facilities for remote districts was not contained in the Act.—Alderman H. R. Child, who opposed the applications, said that the Council would be doing more than they were required if they granted licences, as it could not be said that the public could not get what they required.—Mr. Jordan, in support, said that the intention of the Act was to fix the distribution of the poisons on responsible men—the chemists. The Council eventually deferred its decision.

HASTINGS.—The Licensing Committee, after considering objections by the local chemists, recommended the Council not to grant licences to the three applicants.—Dr. Gray, in moving the adoption of the recommendation, said the committee were able to appreciate the importance of the subject, as unqualified persons would be enabled to supply poisons in a form difficult of detection to an extraordinary extent. The recommendation was rejected by twenty-four votes to eight, and the matter referred back to the committee for re-consideration.

LEAMINGTON.—The Town Council on June 15 considered an application from the Nurserymen & Florists' Co. The Town Clerk stated that the application could not be granted, as it was not a personal one.—Alderman Thursfield urged the Council to be chary in issuing licences, as the sale of poisons by others than responsible chemists was dangerous. The matter was referred to the Watch Committee.

MIDDLESBROUGH.—The applicants (Wm. Strike, Ltd.) and a deputation representing the Teesside Chemists' Association appeared before the General Purposes Committee on June 16.—Mr. Strike said horticulturists only wished to have an equal right to sell horticultural poisonous preparations which were all proprietary articles.—Mr. W. R. Brackenbury, the chemists' spokesman, said that licences were unnecessary and contrary to the existing law. Furthermore, it is initiating a new principle that packed poisons no longer become of a dangerous nature, and are to be sold like ordinary articles of merchandise.—On a division the voting was equal, and the Chairman, Sir Samuel Sadler (Sadler & Co., manufacturing chemists), gave the casting vote against granting the application.

MONTGOMERYSHIRE.—A deputation of the Montgomeryshire Chemists' Association, consisting of Messrs. F. J. Nash (Newtown), H. E. Ellis (Llanfair), and M. E. Morris (Meifod), appeared before the County Council on June 18. Mr. Nash handed the Clerk a statement protesting against the issue of licences. The Clerk also reported that a memorial signed by several county practitioners suggested that untrained persons be not licensed to sell poisons unless there was indisputable evidence that hardship would result to farmers.—The Chairman (Captain Mytton) said he thought the chemists had made out a good case, and it is not advisable for a paltry fee of 1s. 6d. to have licences to sell poisons distributed throughout the county. He moved that "no licences be issued in places where there is a chemist's shop."—Mr. R. Lewis added that it was a bad principle to allow a grocer to have poison in his shop.—Mr. Lomax and Colonel Pryce-Jones moved an amendment that "no licences be granted" since such a course would be a fatal mistake. The amendment was lost by sixteen votes to nineteen, and the Chairman's motion carried.

PRESTON.—The Health Committee recommend the Town Council to grant the application of Messrs. W. Troughton, I. Titterton, P. W. Heves—nurserymen.

SOUTHEND-ON-SEA.—The Town Council considered on June 17 the applications of Messrs. H. V. Kynaston, 51 Southchurch Road, and W. Elam, 53 High Street. Mr. H. L. Harrington, divisional secretary, wrote opposing the applications. The Health Committee, after receiving deputations from both sides, recommended the refusal of the applications. Ultimately it was decided to refer the matter back to the committee for re-consideration.

Applications Granted.

BATHGATE.—The Town Council granted on June 14, by five votes to three, the application of ex-Provost D. R. Gordon, ironmonger, for a licence.—Mr. David Reid, chemist, appeared before the Council in support of a letter of protest previously forwarded by him. He contended that the three registered chemists in the town, who all supplied the specific poisons referred to, were sufficient for the public needs.—Mr. Gordon having spoken, Mr. J. Rutherford Hill spoke in support of Mr. Reid. Mr. Hill said the fact that the chemists of Bathgate were also seedsmen was a strong argument against the application.

BRIGHTON.—The General Purposes Committee recommended that two applications be granted, although the Chief Constable reported that there already exists every facility for purchasing poisons in the district where the applicants' premises are situate. The Council decided on June 17 to issue licences. During the meetings the Mayor, on the advice of the Town Clerk, ruled that Councillor Yates, as a chemist, was precluded from taking part in the discussion. Mr. Yates protested vigorously against the ruling.

GALASHIELS.—David Webster and Alex. Thomson, 41 Bank Street; Alexander F. McG. Cameron (A. Yellowlees & Son), 50 Bank Street; and John H. Thripland (R. Thripland & Son), 56 Channel Street—ironmongers; Robt. P. Adam, dry-salter, Green Street; and James Mallen, Abbotsford Nursery.

HUDDERSFIELD.—Armitage & Son, seed merchants, New Street. Mr. R. C. Walshaw, chemist and druggist, opposed the application.

JEDBURGH.—Edwin Collins, wool merchant. By twelve votes to two. During the discussion the applicant said there was a strong feeling for the granting of further applications, while Bailie Smail stated that there was not so much opposition to the application of a wool merchant, as "he sold poison in a wholesale way."

KIRKCALDY.—Alex. Barnet, ironmonger, and Ed. Sang, seedsmen, both of High Street.

LONDON.—Veitch & Sons, Ltd., 544 King's Road, Chelsea; Carter, Page & Co., 52-53 London Wall, E.C.; Smail & Co.,

23 Lime Street, E.C.; H. Hedges, Kirkdale Nursery, Sydenham; Bull & Sons, King's Road, Chelsea; Hobbies, Ltd., 17 Broad Street Place, E.C.; J. J. Litchfield, Hope Nursery, Highgate Hill; J. Carter & Co., The Nurseries, Houston Road, Forest Hill, 53a Queen Victoria Street, and 237-8 High Holborn, E.C.; Paul & Son, 6 Wormwood Street, E.C.—nurserymen, seedsmen, etc. Barrie & Brown, 39 King William Street, E.C.; Howcroft & Watkins, 2 Miles Lane, London Bridge, E.C.—seed merchants, etc. Mertens & Co., 3 Cross Lane, St. Mary-at-Hill, E.C.; H. G. Smyth, 5 Clark's Mews, Bloomsbury; D. Dowel & Son, Ravenscourt Avenue, Hammersmith—horticultural sundriesmen. Voss & Co., Ltd., manufacturing chemists, Carlton Works, Glengall Road, Poplar; Strawsons & Co., chemical merchants, 79 Queen Victoria Street, E.C. The report of the Public Control Committee, presented to the London County Council on June 22, stated that they had had before them a letter from the Pharmaceutical Society with regard to the scope and intention of the Act, and had received various communications from chemists and druggists urging that ample provision is already made for the supply to the public of poisonous substances exclusively used in agriculture and horticulture. Deputations from both sides had fully placed their views before the committee. The committee recommended that all except three (see "Applications Refused") of the applications be granted, and the Council confirmed the recommendation.

SMETHWICK.—W. H. Simpson & Son, corn factors.

SWANSEA.—Ed. Parsons & Co., seedsmen, 6 Oxford Street. It was stated that no objections were received from existing vendors. A licence had previously been issued irregularly to the applicants (*C. & D.*, April 3, p. 520).

TURRIFF.—Geo. Hutcheon, merchant, High Street.

TYNEMOUTH.—J. A. Ord, Nile Street; Jas. Turner Smurthwaite (Smurthwaite Bros.), Bedford Street—nurserymen.

WALSALL.—Sammons Bros., Leicester Square, and J. E. Dolman, Bridge Street.

Applications Refused.

CAMBRIDGE.—Hillier & Co., 8 Market Street, and J. Sanders, 23a Petty Cury. The recommendation of the General Purposes Committee that the applications before them be refused came up for confirmation by the Town Council on June 17.—The committee's Chairman (Dr. J. H. C. Dalton), in moving the adoption of the report, said he wished to refrain from expressing an opinion, as the arguments for and against the applicants seemed evenly balanced.—Alderman Pollock, a University member, maintained that the existing facilities in Cambridge were sufficient, and the licences were to be issued only in districts without a chemist, while, furthermore, it is highly desirable to restrict the sale of poisons.—Dr. Duckworth supported him.—Alderman H. G. Whibley, Deputy-Mayor, argued that the reasonable facilities "would only be met by the persons best qualified to advise purchasers" as to their use—namely, horticulturists. Upon a show of hands the recommendation of the committee was declared to have been defeated by two votes. However, when names were asked for, the three chemists upon the Council (Alderman A. S. Campkin, Councillor E. Field, and Councillor R. Sturton) recorded their votes.—The Mayor, in reply to a question by Mr. Campkin, ruling that chemists were not disqualified from voting. An amendment to refer the report back to the committee was defeated by one vote.

DOVER.—H. T. M. Ralph (T. M. Ralph & Co., agricultural chemists and perfumers), London Road.

LONDON.—Walborn & Sons, nurserymen, 13 High Street, Putney; J. George, horticultural sundriesman, 14 Redgrave Road, Putney; Harrods Stores, Ltd. (horticultural department), 87-135 Brompton Road, S.W.

MOFFAT.—The application of Mr. David Anderson, ironmonger, was unanimously refused at a special meeting of the Town Council on June 18, on the ground that the three chemists in the town satisfied the public requirements.

Fees Fixed.

CAVAN.—Licence 5s.

HUDDERSFIELD.—Licence 10s. 6d.

SWANSEA.—Licence 10s. 6d.; renewal 1s. 6d.

TURRIFF.—Licence 10s. 6d.

TYNEMOUTH.—Licence 5s.; renewal 1s. 6d.

Interesting Items.

The Deputy Town Clerk stated before the Faversham Town Council that the opinion of counsel, whose advice had been taken, is that if the local authority came to the conclusion that there is a reasonable desire on the part of the public to purchase weed-killers, etc., from nurserymen and others, counsel thought—having specially in view Section 2 of the Act—that the authority would be justified in granting licences, even although the requirements of the public with respect to the purchase of other poisons were already satisfied.

The disappointed applicants at Bradford have sought the aid of the local Press, as a paragraph demands the reason for the

refusal, stating that "this very proper permission has been given already in thirty or forty towns."

The "Daily Telegraph" states in its Brighton notes that the local chemists are "about to direct the attention of the Royal Pharmaceutical Society to the action of the local authorities" in issuing poison-licences.

Births.

BARR.—At 13 Rutland Avenue, Liverpool, the wife of A. Steen Barr, of a daughter.

BOAKE.—On June 15, at Aberffraw, Loughton, Essex, the wife of Edmond J. Boake (Messrs. A. Boake Roberts & Co., Ltd.), of a daughter.

REESON.—At Erith, on June 19, the wife of Walter Reeson, pharmacist, of a son.

Marriages.

DRIVER-HOLLOWAY—CRAMPTON.—On June 17, at St. Peter's, Belsize Park, N.W., by the Rev. F. J. Jomini, M.A., Vicar of St. Helen's, North Kensington, and the Rev. T. Bentham, M.A., Vicar of St. Mildred's, Bread Street, Thomas Holloway, third son of the late Henry Driver-Holloway, of Beddington House, Surrey, and Mrs. Driver-Holloway, of "Willersley," Park Hill Rise, Croydon, to Dorothy, younger daughter of Mr. Percy Crampton, of 65 Eton Avenue, London, N.W.

HODKINSON—ROYLE.—At Hurdfield Church, Macclesfield, on June 21, by the Rev. E. L. Lloyd, John Hodgkinson, pharmacist, Macclesfield, to Mabel Blanche, daughter of Thomas Royle, Swanscoe Cottage, nr. Macclesfield.

LONGMORE—MERCER.—At Hillsborough Parish Church, on June 8, by special licence, by the Rev. J. C. G. Mercer, M.A., B.D. (brother of the bride), assisted by the Rev. J. W. Cooke, B.D., Louis William Longmore, pharmaceutical chemist, proprietor of the Dromore Pharmacy, Market Square, Dromore, Co. Down, to Eliza Anne, third daughter of Mr. John A. Mercer, Ballynaris, Dromore.

GOLDEN WEDDING.

At Breadalbane Terrace, Wick, on June 22, 1859, by the Rev. Charles Thomson, Wick Free Church, John Banks, chemist, to Christina, third daughter of Captain James Cormack, harbourmaster, Pulteneytown. Present address, 5 West Park, Wick.

Deaths.

ARMITAGE.—At 64 Newton Street, Greenock, on June 20, Jane Ann Bates, wife of Mr. George Armitage, chemist and druggist.

BOWEN.—At Criccieth, on June 19, Mr. Joseph William Bowen, chemist and druggist, Medical Hall, Criccieth. Mr. Bowen, who started in business at Criccieth when the place was beginning to attract attention as a health resort, lost no opportunity as a member of the old Local Board and the Urban District Council of bringing Criccieth into prominence. He was also a member of the old School Board, occupying the chair for three years. The funeral on June 16 was a public one. A widow and six children are left to mourn his loss.

COOPER.—At 31 Pyrland Road, Canonbury, London, N., on June 19, Mr. William Temple Cooper, chemist and druggist, of 54 Rathbone Place, Oxford Street, W., aged eighty-five. Mr. Cooper was born on June 15, 1825, and was the thirteenth child of Thomas Cooper (born January 2, 1779), proprietor of the White Hart Hotel, Bath, a famous hostelry which is mentioned in "Pickwick Papers." In 1841 Mr. Cooper signed indentures of apprenticeship with John Lasham, chemist and druggist, Milsom Street, Bath, to whom his father paid a premium of 60*l*. This business still exists, we believe, under the title of Steele & Marsh. On the completion of his apprenticeship Mr. Cooper went to Mr. Squerry, of Salisbury, the proprietors of which business are now Mr. S. B. Atkins and his son. About

1846 Mr. Cooper came to London and bought the surgery of Dr. Odling, uncle of Professor Odling, at 26 Oxford Street. This he converted into a pharmacy, and it is recorded that during the first week his takings amounted to 10*s*. only. Subsequently, however, the business was developed on very successful lines, an important part of Mr. Cooper's *clientèle* being American and Continental visitors, and by assiduously studying their wants he was enabled to build up a high and deserved reputation for the dispensing of foreign prescriptions and the sale of foreign proprietaries. Early in his career Mr. Cooper introduced his famous effervescent lozenges, the advantages of which were known many years previous to the introduction of compressed tablets; and the lozenges still have a good sale. Owing to street improvements the business was subsequently removed to Rathbone Place, a few doors off, where it now is.



MR. W. T. COOPER.

Mr. Cooper leaves a widow and nine children, the eldest of whom, Mr. Walter Temple Cooper, Ph.C., has conducted the business since his father's retirement sixteen years ago. His youngest son is Dr. Tanner Cooper, who distinguished himself in the disaster in Castle Street, W., some months ago, when twenty-nine people were buried through the collapse of two houses. His second daughter is the wife of Mr. R. D. Dixon, one of the West-end representatives of Messrs. S. Maw, Son & Sons. The funeral took place at Kensal Green on Wednesday.

HORGAN.—At 9 Mountview Terrace, Ballyhooly Road, Cork, on June 21, Daniel Horgan, aged forty-one. Mr. Horgan was for many years secretary and manager of the Cork Chemical and Drug Co. He died suddenly from uræmia.

MACKENZIE.—At Bergen, on June 19, Mr. James Calder Mackenzie, chemist, of 71 Parade, Birmingham, aged fifty-three. Mr. Mackenzie's death occurred under somewhat tragic circumstances. He was a member of a large party, including Mr. Jeffrey Poole, Mr. G. H. Prosser, and others, which left Birmingham on June 12 on a trip to Norway. Mr. Mackenzie had been suffering from diabetes, and the trip was undertaken partly on account of his health. On the voyage he was seized with violent seasickness, and was unable to take nourishment of any kind. On arrival in Norway he was taken to a nursing home, where he became semi, and finally totally, unconscious, and died last Saturday morning. The news of Mr. Mackenzie's death came as a great surprise to his friends in Birmingham, among whom he was held in high respect. A native of Granton on Spey, in the far north of Scotland, he went to Birmingham after spending a few years in Ledbury, Gloucestershire, about twenty years ago, and opened the business in the Parade, which he successfully carried on till his death. Mr. Mackenzie was unmarried.

MAURENBRECHER.—Mr. L. L. A. Maurenbrecher, ex-lieut.-colonel of infantry, and a director of the cinchona plantation "Lodaja," and also interested in several other plantations, has died from the results of an operation at Bandong, Java. Mr. Maurenbrecher was one of the pioneers in bringing about a combination of cinchonaplanters in Java.

SCOBIE.—At 29 Alva Street, Edinburgh, on June 18, suddenly, Mr. James Scobie, chemist and druggist, 38 Shandwick Place, aged fifty-eight. Mr. Scobie had not been feeling well for some days, but his death took place unexpectedly soon after he arrived home on Friday evening from rupture of a blood-vessel in the brain. He served his apprenticeship with Messrs. Dandie, Newby & Dandie, chemists, Perth, afterwards going to Edinburgh, where he was assistant to Mr. James Mackenzie in his branch pharmacy at Shandwick Place. He passed the Minor examination in 1874, and purchased some years later the business at Shandwick Place, in which latterly his son, Mr. William S. Scobie, has assisted him.

Westminster Wisdom.

A Record of Parliamentary Progress.

THE ANÆSTHETICS BILL.

The following is the full text of the revised Bill, which was introduced in the House of Commons by Dr. G. J. Cooper, M.P., on Tuesday, to regulate the administration of anæsthetics, to make regulations relative thereto, and to amend the Medical Acts and Dentists Acts :

The object of this Bill is to require a medical practitioner or a dentist applying for registration on or after January 1, 1912, to submit evidence of having received practical instruction in the administration of anæsthetics and to prohibit any person not a registered medical practitioner or a registered dentist from administering an anæsthetic except under certain conditions. To prohibit any certificate of death being given in the case of any person dying under an anæsthetic.

1. On and after the first day of January one thousand nine hundred and twelve no person shall be registered under the Medical Acts or the Dentists Act in respect of any qualification referred to in any of those Acts unless he shall have produced evidence that he has received theoretical and practical instruction in the administration of anæsthetics.

2. Any person not a registered medical practitioner or a registered dentist who shall administer or cause to be administered to any other person by inhalation or otherwise any gas or vapour or drug or mixture of drugs, solid or liquid, with the object of producing unconsciousness during any medical or surgical operation, examination, act or procedure, or during childbirth, shall be liable on conviction before a Court of Summary Jurisdiction for such offence, to a penalty not exceeding ten pounds, and, in the case of any subsequent conviction, to a penalty not exceeding twenty pounds, provided that a person shall not be liable to a penalty under this section if in conducting such administration he was acting under the immediate direction and supervision of a registered medical practitioner or a registered dentist, or if the circumstances attending the administration were such that he had reasonable grounds for believing, and did believe, that the delay which would have arisen in obtaining the services of a registered medical practitioner or a registered dentist would have endangered life.

3. Power is hereby given to the General Council to make any regulation or order to carry out the requirements of this Act.

4. Any registered medical practitioner who gives a certificate of death in the case of any person dying while under the influence of an anæsthetic shall be liable, on summary conviction, to a penalty not exceeding five pounds.

5. Offences under this Act may be prosecuted, and all fines recovered in manner provided by the Summary Jurisdiction Acts. In the application of this Act to Scotland the expression "Summary Jurisdiction Acts" shall mean the Summary Jurisdiction (Scotland) Acts, 1864 and 1881, and any Act amending the same. In the application of this Act to Ireland the expression "Summary Jurisdiction Acts" shall mean a Court of Summary Jurisdiction constituted in the manner mentioned in the two hundred and forty-ninth section of the Public Health (Ireland) Act, 1878.

6. The expression "Medical Acts" means the Medical Act, 1858, or any amendment of that Act. The expression "Dentists Act" means the Dentist Act, 1878, or any amendment of that Act. The expression "General Council" means the General Council of Medical Education and Registration in the United Kingdom. The expression "Registered Medical Practitioner" means a person registered under the Medical Act, 1858, or any amendment of that Act. The expression "Registered Dentist" means a person registered under the Dentists Act, 1878, or any amendment of that Act.

7. This Act may be cited as the Anæsthetics Act, 1909. The Bill is "backed" by Dr. Cooper, Sir Walter Foster, Sir William Collins, Sir John Benn, Mr. Acland Allen, Mr. Barnes, Dr. V. Rutherford, Mr. Bertram Straus, and Mr. Carr-Gomm.

POISONS AND PHARMACY ACT.

A statement has been circulated to members of the House of Commons regarding the manner in which local authorities are granting licences under Section 2 of this Act. It seems to be the statement submitted to the Blackburn Town Council by the N.E. Lancashire Chemists' Association when applications were made there for licences. Mr. P. Snowden, M.P., has forwarded to the Pharmaceutical Society the list (referred to last week) of the places (Blackburn and neighbourhood) where, it is stated, licences are being granted to ironmongers for the sale of agricultural poisons where

the existing chemists already furnish adequate facilities for the general public.

POISONOUS PREPARATIONS.—In the House of Commons on Thursday afternoon, Mr. Philip Snowden put the following question to the Home Secretary :

To ask if he is aware that town councils are continuing to license traders to sell poisonous preparations under the Pharmacy Act, 1903, where ample facilities exist; that the Halifax Town Council has licensed a firm of seedsmen for premises within 100 yards of nine qualified chemists, though this firm has been successfully prosecuted for illegally trading in poisons; is he aware that the Town Council of Barnstaple has licensed a trader for the purpose against the advice of the borough medical officer and borough coroner, that in this case it was admitted that existing facilities were ample, but that the application was granted on the ground that the applicant was an esteemed townsman who had been mayor of the borough; and whether he will take steps to stop this misuse of powers by town councils.

Mr. Gladstone replied that he understood that the Privy Council continued to receive complaints in this matter, and they were making inquiries of the Town Council of Barnstaple. The question as to whether "reasonable facilities" were given in any district was one for the discretion of the local authority, so long as they did not infringe the terms of the Act. Mr. Gladstone was understood to add that neither the Privy Council nor the Home Office are entitled to determine the matter.

RESTRAINT OF TRADES BILL.

We are informed by Mr. J. A. Seddon, M.P., that he has now received from the commercial travellers an intimation that at their recent Conference at Manchester they decided to support his Restraint of Trades (Shops) Bill, on the understanding that they are included within the scope of the measure. Mr. Seddon has given the assurance that they shall be so included, and accordingly he has during the present week reintroduced his Bill of last Session. The Bill, as is well-known, deals with what are popularly termed radius agreements, and renders it illegal for masters to bind any servant from taking another situation or engaging in the same trade or occupation.

SHOP HOURS BILL.

The Home Secretary announced on Monday evening, in reply to Sir Francis Channing and Mr. Hart Davies, that he hopes shortly to introduce the Shop Hours Bill, but that he cannot say whether it will be possible to pass it during the present Session.

NEW DUTIES.

Questions in regard to new duties are still numerous. Among those of interest to chemists was one by Mr. Hugh Watt, which Mr. Hobbouse answered on Tuesday afternoon, about chemists in Scotland requiring to take out a licensed grocer's or off-licence in order to sell medicated wines, and that the proposed increase of duty will bear hardly upon them, making it necessary for them in many cases to relinquish that part of their business with inconvenience to the public. Mr. Watt asked if the Chancellor of the Exchequer would grant to chemists a special licence to sell such medicaments. Mr. Hobbouse replied that, under the practice of the Board of Customs and Excise, wines sufficiently medicated to be regarded as medicines might be sold by registered chemists and druggists without a licence, provided that the directions as to dose, etc., on the label clearly indicated that the article was intended for use as a medicine, and not as a beverage. His right hon. friend assumed that the wines referred to in the question were not sufficiently medicated to pass the official test of the Government Laboratory, and he did not think it would be desirable to lower the standard at present insisted on.

The Chancellor of the Exchequer has this week held out no hope of modifying the rates of duty in the case of dealers to whom the sale of spirits is but a small part of their business. [The question put by Mr. Watt seems to have been prompted by a wholesale druggist.]

In connection with wine and spirit licences Mr. G. H. Radford, M.P., proposes to move the following new clause to the Finance Bill :

Where, in the case of a retailer's licence, any other business than that of retailing intoxicating liquor is carried on at the premises in respect of which the licence is granted, and it is shown to the satisfaction of the Commissioners that the receipts from the sale of intoxicating liquor were in the pre-

ceding year less than one-third of the total receipts in that year from the business of all descriptions carried on on the premises, the duty payable shall be a reduced duty which bears the same proportion to the full duty payable as the receipts from the sale of intoxicating liquor bear to the total receipts.

In the House of Commons on Monday Mr. A. Fell, M.P., asked the President of the Board of Trade how many gallons of collodion, ether, and chloroform were imported into this country last year, and what quantity of each was manufactured in this country in the same period. Mr. Churchill replied that the total imports of these articles into the United Kingdom in 1908 were as follows: Collodion, 85 gals.; butyric ether, 341 gals.; sulphuric ether, 397 gals. The imports of acetic ether and chloroform were recorded by weight, and amounted to 3,207 lb. and 936 lb. respectively. There is no official information available with regard to the quantities manufactured in the United Kingdom.

MOTOR-SPIRIT REGULATIONS.

In the House of Commons on Monday, Mr. J. F. L. Brunner got an answer to his question regarding the regulations as to motor spirit (*C. & D.*, June 19, p. 944). Mr. Hobhouse, speaking for the Chancellor, said the regulations referred to in Clause 64 could only be made after the passing of the Bill, but the Commissioners of Customs and Excise have issued provisional regulations for the guidance of their officers. These instruct officers to accept duty on any article entered by the importer or maker as "motor spirit," and not to allow the delivery free of duty of any spirit, the specific gravity of which is 0.800 or less without the authority of the Commissioners. The Commissioners were aiming at the taxation of spirit which is ordinarily and generally used for driving motor vehicles, and are not attempting to levy the tax on the various other substances which, though not at present generally used as motor-car fuel, can be or are occasionally used as substitutes for or in association with such fuel. There will be no power of appeal against the regulations made by the Commissioners of Customs and Excise and by the Treasury.

Mr. Brunner asked whether there was any power on the part of the department to change the regulations from time to time.—Mr. Hobhouse replied in the affirmative.

MEDICAL MEN AND THE MOTOR TAXES.

The Chancellor of the Exchequer has consented to receive on July 1 a joint deputation from the Medical Committee of the Motor Union and the British Medical Association on the question of the position of medical men in reference to the proposed motor taxation.

WHOLESALE POISONINGS NEAR BELFAST.

In the House of Commons on June 18, Mr. Devlin referred to the recent wholesale poisoning of dogs near Bangor, Co. Down, and the vicinity of Belfast, and asked the Chief Secretary for Ireland if he would order that strict records be kept of all persons purchasing poisons, these records to be open to the inspection of the police, and that wherever poison is laid in private grounds public notice of the fact should be exhibited at or near the spot.—Mr. Birrell, in his reply, said that druggists were required by law to keep records of the sales of poisons which are open to the inspection of the police, and it is illegal for any person to lay poisoned flesh or meat on any land without posting notice of the fact or informing the police.

Trade Notes.

MESSRS ALLEN & HANBURYS, LTD., Bethnal Green, London, E., will close for stocktaking from Monday to Wednesday next week, but small urgent orders will be executed.

MESSRS. STAFFORD ALLEN & SONS, LTD., London, Amptill, and Long Melford, will close their works and offices on July 3, on the occasion of their annual outing to Southend.

"APENTA" WATER.—The Apollinaris Co., Ltd., 4 Stratford Place, Oxford Street, London, W., inform us that they have decided to protect the price of "Apenta" water, and in future the bottles will be retailed at a minimum price of 11d. each and wholesale at 20s. per case of twenty-five bottles.

THE ZOTOS SEASON is now on. In a recent issue of the

"Fishing Gazette" there is a communication from a seangler who is enthusiastic as regards "Zotos" as a remedy for sea-sickness. This is a point which seaside chemists might note.

MESSRS. EDWARD COOK & CO., LTD., soap specialists, of Bow, London, E., recently secured a record order from the Admiralty of four million bars of soap, and have now received the honour of being appointed, by Royal Warrant, soap-makers to their Majesties the King and Queen of Spain.

TRILACTINE TABLETS.—Mr. W. Martindale, 10 New Cavendish Street, London, W., has a scheme on hand for increasing the interest of pharmacists in the sale of trilactine tablets, which are now so extensively used for the preparation of curdled milk. Those who send a postcard to Mr. Martindale will receive particulars of the special inducement that is offered.

P.A.T.A. PRICES.—The alterations in the prices of proprietary articles protected by the Proprietary Articles Trade Association's scheme are exceptionally numerous this month owing to the increase in the spirit-duties. On this account the Association has published a separate list supplemental to the "Year Book." Chemists who have not received a copy of the alterations should write to the Secretary of the Association for one (184 and 185 Temple Chambers, London, E.C.).

SILVER-KING FLY-CATCHER.—The Deansmere Manufacturing Co., High Street, Stockport, send us samples of the Silver-King fly-catchers, which they manufacture. The fly-catcher is neatly put up in a flat package covered with silvered paper. By the simple device of pulling a string a broad band covered with sticky material is unfolded. The package is sealed in such a way that the contents are not likely to leak. The makers will send samples and prices to chemists who apply.

C.C. PERFUMES.—Messrs. H. Bronnley & Co., Ltd., Acton Vale, London, W., have recently introduced a series of highly concentrated perfumes which appear to us to be destined to take a permanent and high place in the ranks of perfumes. The series includes Courvoisier's Viotto, Havana, Rose, and Lily of the Valley. Each perfume is put up in a cut-glass bottle with a rod stopper, the purpose of the rod being to transfer the perfume to the handkerchief or other article to be perfumed. The bottles are neatly capped, and each is enclosed in a dainty hinged case (like a jewel case) covered in white leatherette and lined with white satin, the case and contents retailing at 3s. 9d. and costing the retailer 30s. per dozen. The permanence of the perfumes is one of the most marked characteristics—in fact, they are all perfume without spirit, and a little goes a long way and lasts a long time, so they can be introduced to customers as "a good thing" with a surety of giving satisfaction. Messrs H. Bronnley & Co. have also introduced a new series of bath crystals and water-softening powders, particulars and illustrations of which are given in our advertisement section this week.

Information Wanted.

Inquiries for the names and addresses of manufacturers, or other trade information, not traceable by reference to the advertisement-pages of "The Chemist and Druggist" and the "C. & D. Diary," or not filed in our private register, are inserted here free of charge. Postcard or other replies to any of the subjoined inquiries (addressed to the Editor "The Chemist and Druggist," 42 Cannon Street, London, E.C.) will be esteemed.

85/2. Makers of "Malourea," or where obtainable.

86/65. Makers of, or agents for, "Refreshlets."

80/70. Makers of, or agents for, "Rembrandt menthol."

83/37. London agents for "Neuripin," a preparation for epilepsy.

80/65. Makers of "Red Indian Scour," powder for cattle.

82/70. Makers of, or agents for, "Lytee's Parisian creams, face powders, and lotions."

84/14. Source of supply of "Roselino Corn-cure," "Stanley's Nerve-togen," and "Rickshaw's Tooth-powder."

84/7. Address of the publishers of the "Charles Sales Index and Register," late of 67 Aldersgate Street, London, E.C.

Observations and Reflections.

By "Xrayser."

Profits in the Wholesale Drug-trade

ought to be fairly handsome, for the business is one which requires exceptional skill and judgment to conduct successfully, and is by no means one of the class which can be established in a few weeks by a smart man, backed by large capital and supported by lavish advertising. At least, no such experiment has been put through yet. When British Drug Houses, Ltd., was formed last year it was pointed out that each of the three firms then amalgamated had been in existence for more than 150 years. The ancient art of pharmacy, too, has worked its way almost exclusively into the hands of the wholesale druggists. They bestride the world which once was ours "like a Colossus"; and the quotation might almost be continued. We petty men, pharmacists by Act of Parliament as we claim to be, may only, so far as our professed vocation is concerned, "walk under their huge legs, and peep about to find ourselves dishonourable graves." In justice to the wholesalers it ought to be stated that this modern monopoly of galenical practice drifted their way, and they could no more help themselves from acquiring it than we retailers could in losing it. Machinery was the actual criminal. But both machinery and pharmaceutical skill are costly items against a comparatively small return, and these have to be provided for out of the profits. In the biggest trades of the country, one or it may be half-a-dozen products are handled; in this business half-a-dozen hundreds demand attention, and every individual article has to be bought and sold with particular study.

The Rate of Remuneration

which wholesale druggists deserve is, therefore, in view of the circumstances indicated, considerably above that of most other manufacturing and distributing businesses; but under prevailing sociological conditions it may be that they do not in fact get as much as they deserve. If we track a five-pound drug order through its many stages, from the time when the stylish traveller painfully secures it to the day when the patient cashier neatly balances the account for it, or perhaps, as sometimes happens, transfers it to profit and loss, we are inclined to wonder how a profit can be made at all, even if the drugs cost nothing. But when the time comes for inviting the public to share in the prosperity of the firm, it appears that the accumulation of such transactions does indeed admit of a pretty considerable margin—a result which, as has been already suggested, may be regarded as having been well earned. But we are still without information as to rate of profit on turnover which is found necessary to carry on the wholesale drug-trade successfully. The reports of several public companies engaged in this business show how much is paid on capital, but this does not fully satisfy inquisitive minds. In the case of the many firms which have been "converted," but which provide their own share capital, so much as this is not supplied. One well-known pharmaceutical house which employs about a quarter of a million pounds laconically informs a Stock Exchange manual that its debenture interest has been regularly paid; the suggestion being conveyed that whatever else may be made is no concern of the manual's. In the case of Wright, Layman & Umney, Ltd., which has attracted the interested attention of chemists this week, an important speciality property is associated with the drug-business, and it is not explained how much each contributes to the general balance. From an investor's point of view this piece of information would have been at least interesting.

The "Regular Apprenticeship,"

on which the Board of Inland Revenue insisted in the recent medicine-stamp case at Bradford, might be awkward for many of us if it could be established in accordance with its exact meaning as in 1812 when the Act was passed. The exemption in respect of known and admitted remedies which was secured by Mr. Glyn-Jones's action in 1903 was specifically granted only to chemists (and certain other persons) who had served a regular apprenticeship. In those days apprenticeship was the only guarantee of qualification, and according to an Act passed in the reign of Queen Elizabeth the apprenticeship had to be for seven years. That Act was only fully repealed in 1814. Very few of us now in business could claim that we had fulfilled that condition. Neither in *Farmer v. Glyn-Jones*, nor in extending the concession to persons who had been apprenticed to chemists and druggists, though they might not have subsequently qualified by examination, did the Board insist on the seven years. In the case stated by the Magistrate in *Farmer v. Glyn-Jones* the fact that the defendant had been duly apprenticed was mentioned, and that sufficed. But, especially in regard to persons whose only qualification is that of apprenticeship, it is not unreasonable to require that this should have been for a really substantial period. The Board's advocate pointed out that if it had been for more than a year it must have been in writing to be valid; and he would probably further contend that if it was for less than a year it could not be regarded as an apprenticeship at all. Perhaps the Magistrate acted sensibly in waiving the condition of a written deed; but I think he ought to have demanded definite proof of a sufficient term spent in "apprehending" the business.

The Weed-killer Trade,

to which many other chemicals used by the most modern gardeners have to be added, is going to be an important branch of the business of those who take it up, whether they are chemists or seedsmen. The correspondent who writes over the signature of "Another Country Pharmacist" gives exceedingly good advice on this subject. It may be worth while to add to his remarks the consideration that the new Act and the licensing discussions which have occurred all over the country will induce a great many people to want weed-killers who never knew anything about them before, and I shall not be surprised if within a year or two chemists do not realise that the unpopular Section 2 has really proved a friend in disguise to them.

Speech Fright

has been discussed in several recent numbers of the "British Medical Journal," and the advice given, or at least suggested, by the professional organ is such as would have been quite properly rebuked severely in the same pages if it had been offered in a lay newspaper. It is not obscurely hinted that opium (laudanum or morphia) is the drug to rely upon; the editor and his correspondents (among whom Dr. Farquharson, the ex-M.P., is included) quote several instances of its efficacy. A goodly number of intellectual young men and young women, who feel themselves inspired with messages for their fellow creatures, will probably be trying this expedient. It is very certain that no one of them will ever get an idea of any sort out of the poppy-heads into their own: if it enables them to develop those they may happen to have at greater length than would otherwise be the case, the advantage, to the audiences at least, will be doubtful. A little extension of the morphia-habit might not be an excessive price to pay for a limitation of modern oratory: advice calculated to encourage both practices cannot be commended.

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SOLE PROPRIETORS:

FLETCHER, FLETCHER & CO., LD., LONDON.**The Revenue and Company
Chemists.**

In our issue of May 15, p. 751, we referred to the circumstances under which the Board of Inland Revenue extended to company chemists the exemption as to known, admitted, and approved remedies and the fresh turn which has been given to it by Section 3 of the Poisons and Pharmacy Act. The latter was set forth in the memorandum regarding medicine stamp-duty issued by the Board of Customs and Excise. Instructions have now

been issued to the Excise staff drawing attention to Section 3, and Sub-section (4) is quoted thus for the guidance of Revenue officials :

(a) "If the business of the body corporate, . . . so far as it relates to the keeping, retailing, and dispensing of poisons, is under the control and management of a superintendent who is a duly registered pharmaceutical chemist or chemist and druggist, whose name has been forwarded to the Registrar appointed under the Pharmacy Act, 1852, to be entered by him in a register to be kept for that purpose, and who does not act at the same time in a similar capacity for any other body corporate, . . ."; and

(b) "if in every premises where such business as aforesaid is carried on, and is not personally conducted by the superintendent, such business is *bona fide* conducted under the direction of the superintendent by a manager or assistant who is a duly registered pharmaceutical chemist or chemist and druggist, and whose certificate of qualification is conspicuously exhibited in the shop or other place in which he so conducts the business."

The Board point out to their staff that provided these conditions (a) and (b) are complied with in all respects they will allow corporations to sell medicated wines and spirits without licence under the ordinary regulations applicable to chemists. To chemists as well as to companies it is interesting to learn that Section 3 is to be made so potent for good, in so far as compliance with its terms are necessary conditions not only for the sale by companies of k.a.ap. remedies unstamped, but for the sale of spirituous medicines and medicated wines (quinine, etc.) without a licence. In this connection we learn that the conspicuous exhibition of the certificate by managers will be the guiding star of Revenue officers, who will otherwise require proof that the name of the person is on the current register. In the case of sales by unqualified persons the Revenue officers must be satisfied that there is a properly qualified manager in charge and that the business of selling medicated wines and spirit is under his personal management. "No chemist, no sales free of licence-duty" seems to be the watchword of the Board. Hitherto some companies have supposed that so long as they do not use the title "chemist" in or on their premises and do not sell poisons there, a qualified man need not be in them. We have never encouraged this view, but the contrary. Now the instruction by the Board of Customs and Excise to their officers independently and officially substantiates our view, by laying it down that the sale of these medicinal preparations on unlicensed premises requires the presence of a qualified chemist. It is also important to observe at this juncture, when efforts are being made to secure relief of the additional duty on spirits used for medicinal purposes, that for licence purposes Revenue officials concede the principle of non-liability. Provided the Board are satisfied that the wine and spirit is intended for use as a medicine, and not as a beverage, no licence is required by chemists and medical practitioners, yet a heavy duty is charged. Here is official recognition of the principle that a taxable article destroyed for beverage purposes is no longer excisable, notwithstanding that such article is still taken internally. Doubtless this point will not be lost by the advocates of duty rebate.

The Menthol-market.

THE activity in menthol and Japanese peppermint oil which has been a feature of the markets during the past two or three weeks has now subsided, but there are several prominent dealers who look for a further advance, probably in July, when it would not be surprising to see a 10s. market for the crystals. It may be remembered that in 1903 prices touched 22s. to 23s. per lb., but nobody anticipates such prices on this occasion, as the area of speculation is much more confined, and nothing would now induce many people

who took a hand in the game six years ago to join again in what proved to many disastrous speculation. Those who possess "inside" knowledge of the menthol-market confidently looked for the present advance, but, according to others, it was somewhat precipitated by the poor prospects for the Japanese peppermint-crop, which had the effect of raising prices to a considerably higher level than if the crops had taken a normal course—in other words, the speculation was based on short crops, it having been ascertained that floods have damaged them to the extent of 30 per cent. For many months past there has been little or no advantage to buy for shipment on c.i.f. terms, as several dealers had been supplying trade requirements at unremunerative rates much below c.i.f. prices. In fact, several interested people in the "Lane" kept systematically "feeding" the market with cheap parcels as occasion arose. But after the absorption of such parcels prices immediately began to tend upwards on their merits, when suddenly the news from Japan arrived which precipitated matters. Very small stocks remain in consumers' hands, as it was no advantage to lay out money on an article that remained stationary for so long a period. The bulk of the London stock in dealers' hands is now firmly held (it is impossible to state the quantity) by two or three houses, who during the late "flurry" gave the lead in prices to the smaller holders and those who bought to immediately sell again at a profit. It is difficult to estimate the quantity turned over during the past three weeks, but the bulk of the business applied to parcels sold over and over again. Meanwhile speculation in Japan has been as strong as on this side, all offers for shipment now being from second-hands. The prospects for the coming season as already indicated look healthy for a further advance, and it is only natural that after the recent excitement the market is now "marking time."

The Alkali Act.

THE forty-fifth annual report of the Chief Inspector under the Alkali, etc., Works Act just issued shows that at the end of 1908 1,424 "alkali" works were registered in the United Kingdom, of which 163 were registered in Scotland. These figures are a slight increase over those of 1907. The number of works manufacturing sulphate and muriate of ammonia shows a noticeable increase, these, with gas-liquor works, accounting for over 31 per cent. of the processes under inspection. In the alkali and wet copper works considerable depression has been a feature, but there has been no serious failure on the part of makers to observe the statutory limits of escape of muriatic acid. The chlorine-works present no new feature of interest beyond minor complaints in regard to the dust arising from the packing of bleaching-powder. The manufacture of sulphuric acid by the lead-chamber process has lost nothing in importance, and although two works have disappeared from the register, existing works have extended the industry. It is estimated that the consumption of pyrites alone, to say nothing of other sources of sulphur, amounts to considerably over 600,000 tons per annum. The imports of pyrites in 1907 were 769,141 tons, of which about 70 per cent. came from Spain, the output in the United Kingdom amounting to only 10,194 tons. In three works zinc blende is the source of sulphur. The number of muriatic acid works remains the same as in 1907, viz., 65. Under the heading of "salt-works" it is interesting to note that the total quantity of white salt produced from brine, and salt contained in brine used for making alkali by the ammonia-soda process, was 1,738,636 tons, or practically the same as in the preceding year. The chemical-manure industry continues to expand, a feature being the marked increase

of mineral phosphate imported (530,177 tons), also of nitrate of soda (145,724 tons), much of the latter being used in processes connected with the manufacture of sulphuric and nitric acids. The exports of ammonia sulphate in 1908 amounted to 235,000 tons, against 230,000 tons in 1907, while the home consumption is estimated at 83,000 tons, or 4,500 tons less than in the previous year. Among other interesting observations several points connected with ammonia sulphate deserve mention. A total of 325,228 tons was produced in 1908, or 11,947 tons more, the most important contribution being, as usual, from gasworks. Ammonia-recovery from ironworks shows a decrease, that from shale-works a substantial increase, and that from coke-oven works also a substantial increase (over 10,000 tons), the feature here being several large plants in course of construction. Finally there is a satisfactory output from producer-gas plants. An important and interesting contribution to the study of coal carbonisation is included in the report, which it is hoped will prove useful in the elucidation of the many problems presented in the conduct of large-scale operations. Other sections of the report deal with arsenic, smelting, sulphide, bisulphite, and zinc works, and it concludes with the results of the working of the Act in Scotland, on similar lines to that of the English report. The Scotch report shows a notable increase in late years of the number of works distilling ammoniacal liquor for the manufacture of ammonia sulphate, mostly conducted in gasworks. On this point some interesting statistics are given, showing that Scotland last year produced almost one-third of the total of the United Kingdom.

Cutting Both Ways.

Had space permitted this week we would have dealt more fully with an outcome of the additional spirit duty—namely, the largely increased use, especially by medical practitioners, of preparations destitute of alcohol or containing the minimum of it. There is a considerably increased demand for liquors and other concentrated preparations used for making tinctures, but now more used *per se*. In the circumstances these will continue to be more extensively used. The *Lancet* dealt with the matter last week, suggesting "the possibility of reducing to a minimum the use of alcoholic preparations of drugs without loss of therapeutic efficiency or of what is known as pharmaceutical elegance." Messrs. John Bale, Sons & Danielson, Ltd., in sending us for review a copy of Dr. A. Herbert Hart's "How to Cut the Drug Bill" (2s. 6d.), say:

In view of the fact that the duty on alcohol has recently been raised by the Chancellor of the Exchequer to 32s. per gal., it is important to note that Dr. Hart almost entirely cuts out alcoholic preparations from his prescriptions, preferring to use the liquid extracts, which he considers far more economical and potent than tinctures.

Of course the 32s. a gallon is an error, but the remark shows a tendency of things which will greatly reduce manufacturers' returns by diminishing the demand for tinctures consequent on the increased duty.

Australian Legislation.

Later information in regard to the legislative proposals of the Commonwealth Ministry (see *C. & D.*, June 19, p. 948) is to the effect that Mr. Thomas, the new Postmaster-General, intends to reintroduce his Bill dealing with proprietary medicines if time permits. He has had a discussion on the subject with Dr. Norris, Chairman of the Board of Health, so that there is reason to believe that the crude idea of compelling the printing of the formula on the label of proprietary medicines will not be contained in the Bill.

It is thought that Mr. Thomas will have his work cut out to meet the want-of-confidence motion which is to come on in the House, so that his time for patent-medicine legislation will be very limited.

Parliamentary Representation for Pharmacists.

Mr. W. J. Uglov Woolecock, the Secretary of the committee, has commenced issuing to representative pharmacists particulars of the inauguration of the scheme to secure the return to Parliament of pharmacists who will look specially after the interests of pharmacy and the drug-trade. The particulars include a sheet giving the following questions and spaces for replies and names and addresses:

1. Will you subscribe to the fund, and, if so, to what extent?
2. Can you undertake to canvass the pharmacists in your district, or some of them, and would you personally obtain such subscriptions from your colleagues as they may desire to give, or would you suggest a local sub-committee to do this work?
3. Would you join a local sub-committee if one were formed?
4. Can you supply definite information as to the amount and character of the political influence available among the pharmacists in your district?

Present indications are that this scheme is to be worked systematically and thoroughly, and should the monetary support be adequate there will be no difficulty in getting pharmaceutical candidates representative of the two great political parties. The Secretary's address is 17 Bloomsbury Square, London, W.C.

The Sale of Benzine.

In commenting upon the Finance Bill in our issue of June 5 we pointed out that the terms in regard to motor-spirit contained in Clause 64 embrace coal-tar products, such as benzol, and that dealers are required to take out a 5s. licence annually. We have received a number of communications this week, one of which is printed in our Correspondence columns, which show that the Revenue authorities are already informing persons who sell benzine that they must take out this licence. This was to be expected, but chemists apparently are surprised. If they will carry their surprise a step further by writing to their members of Parliament, they will do well. There is every provision in the Bill for chemists to secure a rebate on benzine and petroleum spirits used for cleaning-purposes, but there is no provision for freeing them from the licence-duty, and that is what should be objected to. These little incidental taxes hit chemists and druggists severely. It is obvious that the Chancellor intended that dealers in motor-spirits only should be licensed, but chemists are now hauled in because the definition of motor-spirits happens to include liquids which are used as cleansing-agents. The simplest way to exempt retailers of small quantities from the licence would be to amend Sub-section (2) of Section 64 by adding to it the words in italics:

... There shall be charged on a licence to be taken out annually by a manufacturer of motor-spirit and by a dealer in motor-spirit (*except retailers of less than one pint per diem to one person*) an Excise duty of one pound and an Excise duty of five shillings respectively.

This would relieve retailers, and would not interfere in the slightest with the motor-duties, for a pint of petrol is practically useless to a motorist, and he would not dream of buying it in such small quantities, while a pint is a fair top limit for retail sales of benzine and petroleum spirit for cleaning-purposes.

DRUGS FOR EGYPT.—Tenders will be received up to July 15 for the supply of drugs and sundries (cotton wool, dressings, bottles, etc.) to the Egyptian Public Health Department, Cairo. Copies of the conditions of tender, together with a list of the articles required and other particulars, may be seen by British firms on application at the Commercial Intelligence Branch of the Board of Trade, 73 Basinghall Street, London, E.C.

Pharmaceutical Society.

NORTH BRITISH BRANCH.

A MEETING of the Executive was held at 36 York Place, Edinburgh, on Friday, June 18, Mr. J. P. Gilmour (Chairman) presiding.

CONGRATULATIONS.

The CHAIRMAN, on behalf of the members, congratulated Mr. W. L. Currie on the honour which had been conferred upon him as well as upon Scotland by his appointment as Vice-President of the Society. He also congratulated Mr. David Gilmour on his election to the Council in room of Mr. Storrar.

Mr. CURRIE, in reply, said he believed Mr. Storrar had the refusal of this office on more than one occasion, and would have filled it with greater dignity than he could hope to do. At the same time he fully realised the responsibility of the position, and would do his best to discharge all the duties to the utmost of his ability. It would be his desire to act in the most friendly way, as he had always done, in his relations with the Executive, and he trusted his tenure of office would tend to strengthen the good understanding and loyal co-operation which at present existed.

Mr. DAVID GILMOUR expressed his indebtedness to those who had been good enough to give him such support as had ensured his election. He recognised the kindly consideration of pharmacists in the South, without whose support no Scottish member could be returned to the Council. He appreciated the honour thus conferred upon him, and would do his best to come up to their expectations.

The report of the scrutineers for the annual election of the Executive was submitted and ordered to be read at the annual meeting to be held subsequently.

POISON-LICENCES.

The ASSISTANT SECRETARY intimated receipt of a letter from the Secretary to the effect that the Council had resolved that the North British Executive should be asked to consider the situation created by the granting of licences in Scotland, and to formulate a statement on the subject for the information of the Council. The letter was remitted to the new Executive. A letter was also read intimating that the Council had appointed Mr. David Watt (Ayr) as divisional secretary for South Ayrshire, in room of Mr. James Innes, who has resigned.

Mr. GILES asked whether anything was being done by the Council with regard to the very irregular way in which the granting of licences was being dealt with by local authorities. Not the least attention was being paid to the actual terms of the Act.

The CHAIRMAN replied that a good deal of information would be submitted at the first meeting of the new Executive.

The VICE-PRESIDENT (Mr. Currie) added that the Act had been in operation only a few months, and assured the Executive that the matter was receiving very careful consideration from the Council, and nothing that could be done would be overlooked.

This was all the business.

THE ANNUAL MEETING.

of members of the Society in Scotland was afterwards held. Mr. J. P. GILMOUR, who presided, made an

ANNUAL STATEMENT.

regarding the Executive's work during the year. In this he referred first to the Poisons and Pharmacy Act, dealing with the events since the House of Lords' decision in 1880 which led up to it, and explaining the provisions of the Act. He showed what members of the Society in Scotland had done to influence Parliament, and mentioned the advantages which had come from the organisation instituted by the Executive. With regard to the administration of the Act he spoke of the immense amount of work which had been done, in which the Executive had strenuously supported the Council, in making every possible effort to secure that the Act should be administered in conformity with the declared intention of the Government and in keeping with the clearly expressed honourable understanding under which pharmacists generally were induced to withdraw opposition

which would certainly have made the passing of the Act impossible. He referred to the fact that licences had been granted to every applicant in many places in total disregard of the existing facilities and in direct contradiction of the statement of the Privy Council Office and the Under-Secretary of State for the Home Department. Speaking generally, he said, this was not perhaps a very important matter to chemists from a merely financial point of view, although in some instances it would press most unjustly on qualified chemists who had for years been doing a large business in agricultural and horticultural poisonous substances. Mr. Gilmour proceeded to sketch recent happenings in this domain, and said he considered it to be the duty of each local authority to secure to the community the fullest possible precautions against the dangers of handling poisons, and not to relax these precautions except where the imperative demands of agriculture and horticulture cannot otherwise be met. They were glad to recognise that chemists in the various districts had discharged that public duty in a very thorough manner, and no one could say that any failure to secure reasonable administration of the Act was due to any slackness on the part of the existing legal vendors. Chemists had been not unnaturally indignant at the reckless conduct of many local authorities, and it had been strongly urged that something should be done. The Executive assured members generally that no suggestion had been ignored and no possible action neglected. But they must not act without the fullest consideration and the most ample information. One thing was inevitable—that the Society would have to face the impartial administration and enforcement of the new law so as to secure that its provisions were loyally carried out. By doing so judiciously the effect might be to mitigate or altogether remove many of the troubles that might arise from the inconsiderate action of local authorities in the indiscriminate granting of licences. The Chairman then referred to the title "Pharmacist," the examination results during the year, and the membership of the Society in Scotland, which had increased by 106 during the year. In concluding he paid a high tribute to Mr. Storrar's whole-hearted devotion and service during the many years he had been on the Council, and referred to the principal losses by death.

THE SCRUTINEERS' REPORT.

The ASSISTANT SECRETARY then submitted the report of the scrutineers of the voting-papers for the election of the Executive for the ensuing year. He stated that 793 nomination-papers were issued on May 19. From those returned it appeared that sixty-eight members had been nominated, of whom twenty-five signified their willingness to act. Then 808 voting-papers were issued, of which 325 were returned, four being informal, so that there were 321 votes to be recorded. The result of the scrutiny was as follows:

David Storrar, Kirkcaldy	...	...	275
James Pinkerton Gilmour, Glasgow	...	...	272
James Reid, Dumfries	...	...	232
William Giles, Aberdeen	...	...	230
George Coull, D.Sc., Edinburgh	...	...	226
John Hutchison Fisher, Dunfermline	...	...	221
Wm. Beaverley Cowie, Edinburgh	...	...	218
Wm. Doig, Dundee	...	...	218
Charles Kerr, Dundee	...	...	217
John Wm. Sutherland, Glasgow	...	...	212
Martin Meldrum, Irvine	...	...	207
Donald Mitchell, Inverness	...	...	203
Wm. Stephen Glass, Edinburgh	...	...	197
Wm. Potter Wilson, Haddington	...	...	195
James Nesbit, Portobello	...	...	192
James Anderson Russell, Greenock	...	...	192
George Shiach Kitchin, Glasgow	...	...	191
John Alexander Forret, Edinburgh	...	...	188

The above eighteen were successful in securing places in the Executive. The following were unsuccessful:

James Lennox, Glasgow	...	...	173
James Moir, Glasgow	...	...	165
Archibald Currie, Leith	...	...	156
George Somerville, Edinburgh	...	...	145
John Bain, Bridge of Allan	...	...	128
John Hutchison Thomson, Lochee	...	...	124
George Howard Charles Rowland, Edinburgh	...	...	122

There are four new members on the Executive. Mr. Reid was first co-opted and then elected in place of the late Mr. Tocher. Mr. Kitchin takes the place of Mr. Lennox, who

was co-opted for Mr. Lunan; Mr. Wilson takes the place of Mr. Dott, who has retired; and Dr. Coull is an additional member, there being this year only three *ex-officio* members through Mr. Currie being appointed Vice-President of the Council; while Mr. Storrar and Mr. David Gilmour exchange places.

Mr. DAVID MURDOCH, formerly of Falkirk, whom the Chairman introduced as the *doyen* of Scottish chemists, moved the adoption of the report. He said it was some years since he had taken an active interest in the affairs of the Society. But he was well read in pharmaceutical politics. He was perhaps one of the oldest members of the Society and about the oldest chemist in Scotland. That said something for the hardships which were connected with the early days, when they were very different from what they are now. They had no holidays then, and the day began at seven in the morning and continued till half-past nine at night. Now everything is smooth, and everything is done for them. They have nothing to do but play golf and cricket and amuse themselves.

Mr. McCUTCHEON, in seconding the motion, drew particular attention to the fact that only about 33½ per cent. of the membership returned their voting-papers. At such a time as this that was detrimental to the interests of pharmacy in Scotland.

The motion having been agreed to,

The CHAIRMAN formally declared that the eighteen gentlemen named, together with the President of the Society (Mr. John F. Harrington), the Vice-President (Mr. W. L. Currie), and Mr. David Gilmour as *ex-officio* members, would constitute the Executive for the year 1909-10.

The proceedings concluded with thanks to the scrutineers and the Chairman and Vice-Chairman.

SCHOOL PRIZE DISTRIBUTION.

THE annual ceremony of presenting the prizes and certificates gained by the students at the School of Pharmacy occupied forty minutes on the afternoon of June 23. Shortly after three o'clock the new President (Mr. J. F. Harrington) took the chair.

The PRESIDENT, in opening the proceedings, said letters of apology for absence had been received from Professor Attfield, Professor T. E. Thorpe, and Mr. T. Tyrer. He also referred to the pleasure it gave him that his first public appearance as President was in connection with the School of Pharmacy. He then called on the Dean (Professor Greenish) to read his

ANNUAL REPORT.

The duty of presenting the report, said the DEAN, is a particularly pleasant one, owing to the prosperous condition of the school. During the year there have been 78 students, compared with 64 in the previous period. Soon after the commencement of the session all the benches were occupied, and a number of applications had to be declined for want of space. Forty-four students took the elementary course, the number in the previous session being only 23. This constitutes a record since the rearrangement of the course of study at the school in 1896. He thought the reason for the success of the school is due to a recognition of the efforts of the council in increasing the efficiency of the school and to the way the Professor's efforts have been assisted by the demonstrators. Examinations have been held for each course, and as a result the following prizes and certificates were awarded by the Council:

SENIOR COURSE.

Practical Chemistry.—Silver medal, Sydney Smith; certificate of honour, Grace Mary Neve.

Chemistry and Physics.—Silver medal, Sydney Smith; certificates of honour, Grace Mary Neve and William Arthur Williams.

Botany.—Silver medal, Grace Mary Neve; certificates of honour, Sydney Smith and Ada Moss Hill.

Materia Medica.—Silver medal, Sydney Smith; certificates of honour, Grace Mary Neve and Ada Moss Hill.

JUNIOR COURSE.

Botany.—Bronze medal, Walter Ryley Pratt; certificates of honour, Howard Vincent Potter and Fred Hill.

Chemistry.—Bronze medal, Walter Ryley Pratt; certificates of honour, Richard Hy. Ridges, Dorothy Mary Braithwaite, and Samuel J. E. Bourn.

Practical Chemistry.—Bronze medal, Walter Ryley Pratt;

certificates of honour, D. M. Braithwaite, S. J. E. Bourn, and R. H. Ridges.

Materia Medica.—Bronze medal, Thos. Hy. Wardle; certificates of honour, Walter Ryley Pratt and Howard Vincent Potter.

Pharmacy.—Martindale silver medal, Walter Ryley Pratt; certificates of honour, Fred Hill and Walter Lamplugh.

After reading out the names, Professor Greenish added some comments, referring especially to the fact that Mr. Smith and Miss Neve have shared the medals of the Senior course, as they did those of the Junior course in the previous session. In regard to the success of the students at the statutory examinations, the Dean added that all except two of the successful students at the April Major had been trained in the School of Pharmacy. A list of post-graduate honours was then given; these included the B.Sc. Lond., gained by Messrs. Warner, Gilling, and Coupland, the last named obtaining second-class honours in chemistry. Several past students have passed the examinations of the Institute of Chemistry. Since the previous prize distribution Mr. J. C. Hewlett has instituted the Hewlett Exhibitions in memory of his father. The exhibition is of the annual value of 15*l.*, and is to be awarded to the student who has distinguished himself the most in the elementary course. The Dean added that he wished to thank Mr. Hewlett on behalf of the school staff, as he was sure that the exhibitions would act as a considerable stimulus to the students. The refitting of the Major laboratory has immensely facilitated the work of students. Experiments which formerly could only be carried out with difficulty can now easily be performed at each student's bench. The refitting of the Minor laboratory has been commenced and will be completed in time for the next session. When this is finished the Society's laboratories will be second to none in the kingdom of a similar kind. Already seventeen benches have been reserved in the laboratories for either the complete or the advanced course.

The PRESIDENT then presented the medals and certificates to the successful students, each presentation being a signal for an outburst of cheering from the students. The Hanbury books were in addition presented to Mr. Smith, Miss Neve, and Mr. Pratt.

WORDS OF ENCOURAGEMENT.

The PRESIDENT then gave a few words of encouragement to those who had not received prizes. It does not follow, he said, that students who have not taken prizes will be less successful in after life. If a student has concentrated his whole energy on his work he has a bright future before him. The success of the past session has been due, he said, to the great determination and energy of the professors. They have put their whole heart into the work and have determined that the school shall be a success. Reference was then made to the large sums which the Society has spent on the school, all of which would be wasted unless the council had the whole-hearted support of the professors. He wished the students success in the examinations which will be held in a few days, and hoped that when they departed to their homes in various parts of the country they would have the Minor certificate in their pocket. (Hear, hear.) The President then briefly referred to the curriculum clause in the Poisons and Pharmacy Act, and caused some amusement by stating that the first meaning which the dictionary gives to curriculum is "a race-course." The council, he added, amidst laughter, have no intention of building a race-course. The necessity for a better preparation for students had been forced upon him from his experience in the examination room. From the answers given by some students on pharmacopœial matters it is obvious that practical knowledge is very deficient. He always felt sorry for such candidates, as the defect is generally due to deficient training during apprenticeship. He hoped a curriculum would set this right.

Mr. WALTER HILLS then moved a vote of thanks to the President for the "graceful and capable way" he had taken the chair, and also congratulated him on his appointment as President of the Society, this being his first public appearance in that capacity. Referring to the success of the school, Mr. Hills further added that he looked forward to the time when, like theatres, they would be able to put up a board "Full inside. No more benches." (Laughter.)

The resolution was carried by acclamation, and the meeting adjourned to the examination hall, where tea was served.

Chemical Society.

A MEETING of this Society was held on Thursday, June 17, the chair being taken by Professor H. B. Dixon, F.R.S., President.

The papers down for reading were of little pharmaceutical interest. The first was by Professor Pickering, and dealt with

CARBONATES OF COPPER.

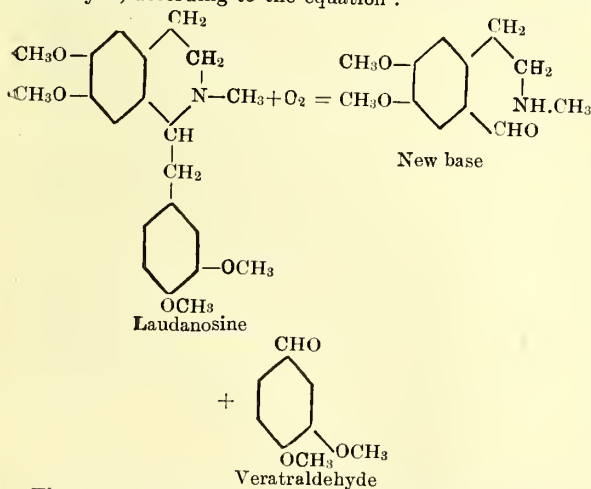
It was suggested by an inquiry the author received from a farmer in New Zealand as to the action of "washing-soda" on copper sulphate. Being a chemist, said the professor, he told the farmer he did not know, but would try to find out. Apart from double carbonates and cupricarbonates, it appears that there are five carbonates of copper, in which the ratios of CuO to CO_2 are as follows : 3 : 3, 5 : 2, 2 : 1, 5 : 3, and 3 : 2. One of the most interesting observations made was that on adding a solution of copper sulphate to one of sodium carbonate, the latter being in excess, a precipitate forms, which re-dissolves on shaking, and the solution so formed deposits after a day or two crystals of either a double carbonate of sodium and copper, or crystals of malachite, $\text{CuCO}_3 \cdot \text{Cu}(\text{OH})_2 \cdot \text{H}_2\text{O}$, depending on the concentration of the initial solution. On adding caustic soda to such a solution the colour changes from blue to violet-blue, or to violet if much caustic alkali is added. In the violet-tinted solution it is suggested that sodium cupricarbonates are present, more or less analogous to the salts present in Fehling's solution. In the course of the discussion Dr. Divers remarked that it did not seem to be generally known that cupric hydroxide is scarcely soluble in pure ammonia solution, and that the formation of the familiar blue ammoniacal copper solution depends on the presence of ammonium salts such as the sulphate or chloride.

The next paper was by Dr. Pyman, of Messrs. Burroughs Wellcome & Co.'s Dartford laboratories, on

ISOQUINOLINE DERIVATIVES.

Part I.—Oxidation of Laudanosine.

The alkaloids cotarnine and hydrastinine are prepared by the oxidation of narcotine and hydrastine respectively, and have been hitherto the only known members of the class they represent. Now the author, by the oxidation of laudanosine (N-methyl-tetrahydropapaverine), has obtained a new base and similarly constituted body—4 : 5-dimethoxy-2- β -methylaminoethyl-benzaldehyde—together with veratraldehyde, according to the equation :



The new base is the dimethyl-ether of the (unknown) 4 : 5-dihydroxy-2- β -methylaminoethyl-benzaldehyde, of which hydrastinine is the methylene-ether. The base is a colourless crystalline compound, and yields with acids primrose-coloured salts derived from 6 : 7-dimethoxy-2-methyl-3 : 4-dihydro-isoquinolinum hydroxide, from which 6 : 7-dimethoxy-1-cyano-2-methyltetrahydroisoquinoline can be prepared by the action of aqueous potassium cyanide. When the new base is boiled with

dilute caustic alkalies it undergoes simultaneous autoxidation and autoreduction, yielding the anhydrides of the corresponding acid and alcohol, 6 : 7-dimethoxy-1-keto-2-methyltetrahydroisoquinoline and 6 : 7-dimethoxy-2-methyltetrahydroisoquinoline. It also yields an acetone-condensation product, for which two alternative formulae were submitted.

The last two papers dealt with phases of the controversy on the relation between

COLOUR AND CONSTITUTION.

The first, by Professor Hewitt and Mr. Thomas, explained the increase in the colour of hydroxy- and amino-azo compounds, on addition of acids, by the suggestion that the acid adds itself on in such a way as to make the second ring quinonoid. The other paper, by Drs. Lowry and Desch, gave an account of the absorption spectra of several desmotropic camphor derivatives, and showed that in these substances "wobbling from one structure to another" (to quote Dr. Armstrong) does not give rise to colour, so that these results lend no support to Mr. Baly's theory of "isoropesis" as a cause of colour.

Before the adjournment for the long vacation, the President announced that the next meeting would be held on October 21, when Dr. Tilden would deliver a lecture on "the life and work of Mendeleeff."

During the evening a ballot for the election of Fellows was held, and among those elected were Mr. H. Arnfield, pharmaceutical chemist, and Mr. H. S. Wills, formerly of Messrs. Burgoyne, Burbidges & Co.'s and Messrs. Lorimer & Co.'s laboratories.

Gazette.

Partnerships Dissolved.

BOYCOTT, W. F., and CORLEY, A. H., surgeons, etc., Manchester, under the style of Boycott & Corley.

DODS, L. F., and STOREY, P. A., physicians and surgeons, Marylebone Road, and Chapel Street, Edgware Road, London, N.W., under the style of Dods & Storey.

The Bankruptcy Acts, 1883 and 1890.

ADJUDICATION.

LEVY, ALFRED ISAAC, late Mansell Street, London, E., and Hamlet Garden Mansions, Ravenscourt Park, London, W., sponge merchant.

The Week's Poisonings.

THIRTEEN fatalities, including one misadventure, have been recorded from poisoning during the week.—A Norwich portmanteau maker, named Philip Philo (48), died from the effects of prussic-acid poisoning. Mr. Jas. Watson, chemist and druggist, Rose Corner, Norwich, deposed at the inquest to supplying some "cat poison" to deceased. He did not tell deceased, who had obtained cat medicines on several occasions, that the poison was prussic acid.—Chas. S. Graygoose (45), financial agent, committed suicide at Upper Holloway, London, N., by taking cyanide of potassium.—J. P. Smart Gall, aged seven months, died from the effects of strychnine administered in mistake for teething powder (p. 969).—Carbolic acid was the lethal agent used by a Burnley clerk named Sidney H. Thompson (32). The same poison was taken with suicidal intent at Burslem by a fish hawk named Jas. Hy. Bevington (27). This acid also caused the death of an unknown man whose body was found on Barnes Common.—Medical evidence showed that Wm. Thos. Vyse, who was found dead on Petitor Common under conditions pointing to suicide, died from oxalic-acid poisoning.—Lucy Ree (20) used salt of lemon at Carmarthen for suicidal purposes.—Vitreol poisoning caused the death of Kate A. L. Rawlinson (25) at Nottingham.—Samuel Truswell, house painter, drank with fatal results a quantity of spirit of salt from a bottle which he obtained off a scullery shelf in a Birmingham house. An open verdict was returned.—Turpentine was the agent taken by Lucy Roberts (44) at Wolverhampton to end her existence.—Clara Spink (41) committed suicide at Brighouse by taking ammonia.—A servant named Lizzie Heath (20) died from the effects of poison self-administered, but the kind taken was not stated.

Personalities.

MR. J. T. PLAYFAIR HEATLEY is now the London representative of Messrs. Rivers Hill & Co., Ltd., manufacturing perfumers, Broadstone.

DR. GIUSEPPE BOSURGI, of the firm of Messrs. W. Sander-son & Sons (Oates & Bosurgi, succrs.), Catania, Sicily, is now in London, his address being St. Ermin's Hotel, Caxton Street, Westminster, S.W.

MR. H. PAGET MATTHEWS, of 38 George Street, Croydon, the first President of the Croydon Pharmacists' Association,



MR. H. PAGET MATTHEWS.

was born at Aldershot in 1862, and in 1879 was apprenticed to Mr. J. Williams, of Aldershot, and subsequently was assistant with Messrs. Argles & Stonham, Maidstone, Mr. Daniels of Ramsgate, and Mr. Colby at Brighton. He passed the Minor examination in 1886. In 1890 he became manager to Mr. Clarke, of 38 George Street, Croydon, and continued in that capacity until June last year, when, on Mr. Clarke's retirement, he purchased the business.

Business Changes.

Properly authenticated business notices (not being advertisements) are inserted in this section free of charge if promptly communicated to the Editor.

MESSRS. M. CURTIS & Co. are opening new pharmacy-stores at 315 High Holborn, London, W.C.

MR. ROBERT E. PRICE, chemist and druggist, Rhyl, has purchased the business of Mr. E. Parker Davies at 52 High Street, Rhyl.

MESSRS. MATTHEWS & Co., chemists, Leyton, have purchased the business of Messrs. Robinson & Co., 14 The Broadway, Winchmore Hill, London, N.

THE business of Anthony's Dentists, Ltd., Cardiff, which is in liquidation, has been acquired by Mr. Templar Malins, of Cardiff and Swansea.

MR. E. GREEN, chemist and druggist, who has dissolved partnership with Mr. W. H. Stones, chemist and druggist, 21 Tacket Street, Ipswich, is opening a pharmacy at 66 Norwich Road, Ipswich.

MR. HAY MARSHALL, chemist and druggist, has disposed of his business at 78 High Street, Kingsland, London, N.E., to Mr. Shumlowitz, who will carry it on under the old style of Marshall & Co.

MR. H. HAWORTH, chemist and druggist, has disposed of his branch at 245 Stockport Road, Manchester, to Mr. F. Rideal, chemist and druggist. Mr. Haworth retains his business at 416 Stockport Road.

MR. T. J. BARTON, chemist and druggist, has sold his business in the High Street, Bridgwater, to Mr. W. Deacon, chemist and druggist, who will carry it on under the old style of the Borough Drug-stores.

MR. D. DRAPER DUNCAN, chemist and druggist, has taken over the business of Mr. W. Macdonald at 105 High Street, Falkirk. Mr. Duncan is continuing his Graham's Road business. The new premises have been remodelled.

MR. W. A. McLEOD, pharmacist, has succeeded to the business of Mr. F. S. Higgins, chemist and druggist, High Street, Stevenage, and will carry it on as "Higgins & McLeod." Mr. Higgins will retain the dentistry practice.

MR. DAVID SCOTT HYSLOP, chemist and druggist, has opened the premises at 47 Upton Lane, Forest Gate, E., as a high-class pharmacy. The business was formerly carried on as a drug-store. Mr. Hyslop is circulating reduced facsimiles of his Minor certificate to show that he is a duly-qualified man.

Association Affairs.

Brief Records.

National Union of Assistant Pharmacists.—A meeting of the Bristol Branch was held at Queen's Road on June 17. Mr. Finlay presided, and Mr. Hines, of Weston-super-Mare, addressed the meeting. Mr. Finlay gave an account of the deputation to the Home Secretary. Mr. Hines was thanked for his address.

Western Pharmacists' Association.—At a committee-meeting of this Association held at the Restaurant Frascati, London, W., on June 2, the following officers were elected for the session which begins in October: President, Mr. J. T. Barrett; Vice-President, Mr. H. R. Procter; Hon. Treasurer, Mr. W. F. Gulliver; Hon. Secretary, Mr. E. T. Allen.

Croydon Chemists' Commencement.

THE inaugural dinner of the Croydon Pharmacists' Association was held at the Greyhound Hotel, Croydon, on June 23, when Mr. H. Paget Matthews (President) presided over a company which numbered nearly a hundred. Among the guests were Mr. T. H. W. Idris, M.P., W. S. Glyn-Jones, the Mayor of Croydon (Major J. E. Fox, J.P.), A. E. Hobbs, J. Harcombe Cuff, E. T. Neathercoat, A. Higgs, J.P., R. Feaver-Clarke, J.P., W. Murton Holmes, and F. W. Truman. The company included Messrs. G. A. Batty, C. S. Clark, F. H. Davies, W. H. Deal, J. E. Dix, J. W. Green, R. L. Griffiths, E. F. Harrison, B.Sc., P. Holmes, C. Horrocks, A. G. Martin, A. B. Makepeace, J. R. Perkin, W. C. Phillips, D. P. Roberts, W. Sargent, J. Shaw, W. P. Want, and C. Dickinson and S. A. Noble (Hon. Secretaries). The wholesale-houses were well represented by Messrs. A. Arrowsmith, Bristow, Brindley Grice, F. W. Ashton, A. Latrielle, Harry Hickey, J. Pinto Nash, C. Martin, C. Present, and representatives of Messrs. Allen & Hanburys, Appolinaris Co., A. Berliner, Bishop & Co., Brand & Co., Burroughs Wellcome & Co., E. Cook & Co., British Drug Houses, Evans Sons Lescher & Webb, Fasset & Johnson, D. & W. Gibbs, Ingram & Royle, Idris & Co., Meggeson & Co., Parke Davis & Co., Rawson, J. Touzeau, Saunders, Sangers, Smith & Co., Warwick Bros. & Wright, Layman & Umney. After the loyal toast Mr. E. T. Neathercoat proposed that of "The Houses of Parliament," referring in the course of his speech to recent legislation and the Parliamentary Fund. Mr. Idris responded in a humorous vein at the outset. Then he proceeded to speak about the new Act, reminding his audience that it was a Government measure, and he found that the clause dealing with the free sale of poisons would go through with all the clauses relating to pharmacy eliminated. It was therefore decided to get what was worth having. The Privy Council's regulations had been put through while he was in the Southern Hemisphere, but he had understood that they were to include a distance-limit. He emphasised the fact that licensing is entirely at the discretion of the local authorities, and chemists must seek to influence them (Mr. Feaver Clarke: "That's impossible"). Future action must be based upon a distinct programme—chemists must know what they want. Mr. Idris then spoke about the right of compounding prescriptions being confined to chemists, and, after referring to education of local Parliamentary candidates, he said that direct representation of pharmacy is essential, especially by someone fully versed in pharmacy matters, and no one probably knew more about pharmacy laws than Mr. Glyn-Jones.—Mr. Glyn-Jones, in giving the toast of the "Croydon and District Pharmacists' Association," referred to the pleasure which it gave him to be present at the inauguration of a new Association, since he believed he was somewhat of a crank on organisation. He illustrated how Associations eliminate class differences between pharmacists, and how the strong men profit by knowing the difficulties of their weaker brethren, and the latter learn lessons from their more virile confrères. He also touched upon the poisons question, and coupled with the toast the name of Mr. W. Murton Holmes, who, in replying, remarked on the necessity of the Association in a central town such as Croydon.—The Mayor of Croydon then extended a

